

5 4 0 7

PRACTICAL TREATISE

ON

BANKING

JAMES WILLIAM GILBART, F.R.S.

GENERAL MANAGER OF THE LONDON AND WESTMINSTER BANK.

"The best security against mismanagement of banking affairs must ever be found in the capacity and Integrity of those who are entrusted with the administration of them, and in the caution and prudence of the public; but no legislative regulation should be omitted which can increase and ensure the stability of establishments upon which commercial credit so much depends."—*Speech from the Throne, in 1837.*

FIFTH EDITION.

IN TWO VOLUMES.

VOL. II.

LONDON:

LONGMAN, BROWN, GREEN AND LONGMANS.

1849.

R M I C LIBRARY

Acc. No 5407

Class No. 3321
G 1

Date

St. Ch.

Class.

Cat.

Bk. Cat.

Checked *Open*

LONDON :

R. CLAY, PRINTER, BREAD STREET H.C.

CONTENTS OF VOLUME II.

PART II.—OF BANKING INSTITUTIONS.

SECTION	PAGE
I. THE BANK OF ENGLAND	405
II. THE LONDON PRIVATE BANKERS	434
III. THE JOINT-STOCK BANKS IN LONDON	452
IV. THE COUNTRY PRIVATE BANKS	494
V. THE COUNTRY JOINT-STOCK BANKS	523
VI. THE BANKS OF SCOTLAND	538
VII. THE BANKS OF IRELAND	606
VIII. THE MORAL AND RELIGIOUS DUTIES OF BANKING COMPANIES	665
IX. TEN MINUTES' ADVICE ABOUT KEEPING A BANKER	729
X. INDEX READING	741
APPENDIX	744
INDEX	763

PART II.

OF BANKING INSTITUTIONS.

PART II.—OF BANKING INSTITUTIONS.

SECTION I.

THE BANK OF ENGLAND.

• THE Act of Parliament by which the bank was established, is entitled “An Act for granting to their Majesties several duties upon tonnage of ships and vessels, and upon beer, ale, and other liquors, for securing certain recompenses and advantages in the said Act mentioned, to such persons as shall voluntarily advance the sum of 1,500,000*l.* towards carrying on the war with France.” After a variety of enactments relative to “the duty upon tonnage of ships and vessels, and upon beer, ale, and other liquors,” the Act authorizes the raising of 1,200,000*l.* by voluntary subscription, the subscribers to be formed into a corporation, and be styled, “The Governor and Company of the Bank of England.” The sum of 300,000*l.* was also to be raised by subscription, and the contributors to receive instead, annuities for one, two, or three lives. Towards the 1,200,000*l.* no one person was to subscribe more than 10,000*l.* before the 1st day of July next ensuing, nor at any time more than 1,000*l.* The corporation were to lend their whole capital to the Government, for which they were to receive interest at the rate of 8*l.* per cent. per annum, and 4,000*l.* per

annum for management; being 100,000*l.* per annum in the whole. They were not allowed to borrow or owe more than the amount of their capital; and if they did so, the individual members became liable to the creditors, in proportion to the amount of their stock. They were not to trade in any “goods, wares, or merchandise whatsoever;” but they were allowed to deal in bills of exchange, gold or silver bullion, and to sell any goods, wares, or merchandise, upon which they had advanced money, and which had not been redeemed within three months after the time agreed upon. The whole subscription having been filled in ten days, a charter was issued on the 27th day of July, 1694. This charter has been repeatedly renewed.

The charter granted in 1708 prohibited any other bank having more than six partners, issuing notes in any part of England.

The charter of 1833 continued the privileges of the bank until the expiration of one year's notice, to be given within six months after the expiration of ten years from August 1, 1834. But if such notice should not be given, then the charter was to be continued until the expiration of twelve months' notice, to be given after the 1st day of August, 1855.

According to this charter, no other bank having more than six partners, can issue notes payable on demand in London, or within sixty-five miles thereof. Bank-notes are to be a legal tender, except at the bank or branch banks. The amounts of the notes in circulation, and of the deposits, and of the bullion and securities in the bank, are to be sent weekly to the Chancellor of the Exchequer for the time being. These accounts are to be consolidated every month, and an average state of the bank accounts for the preceding three months to be published in the *London Gazette*. Any joint-stock bank that does not

issue notes may carry on business in London. The following is the clause relating to this subject :—

“ And whereas the intention of this Act is, that the Governor and Company of the Bank of England should, during the period stated in this Act, (subject, nevertheless, to such redemption as is described in this Act,) continue to hold and enjoy all the exclusive privileges of banking given by the said recited Act of the 39th and 40th years of the reign of his Majesty King George III. aforesaid, as regulated by the said recited Acts of the 7th year of his late Majesty King George IV. or any prior or subsequent Act or Acts of Parliament, but no other or further exclusive privilege of banking: And whereas doubts have arisen as to the construction of the said Acts, and as to the extent of such exclusive privilege, and it is expedient that all such doubts should be removed: Be it therefore declared and enacted, that any body politic or corporate, or society, or company, or partnership, although consisting of more than six persons, may carry on the trade or business of banking in London, or within sixty-five miles thereof, provided that such body politic or corporate, or society, or company, or partnership, do not borrow, owe, or take up, in England, any sum or sums of money on their bills or notes payable on demand, or at any less time than six months from the borrowing thereof, during the continuance of the privileges granted by this Act to the said Governor and Company of the Bank of England.”

In the year 1844 the bank charter was again renewed until the expiration of twelve months to be given after the 1st day of August, 1855. The following are the principal provisions of this important Act (7 & 8 Vict. c. 32) :—

Bank to establish a separate Department for the Issue of Notes.

“ I. Whereas it is expedient to regulate the issue of bills or notes payable on demand: and whereas an Act was passed in the fourth year of the reign of his late Majesty King William the Fourth, intituled ‘ An Act for giving to the Corporation of the Governor and Company of the Bank of England certain Privileges for a limited Period, under certain Conditions,’ and it is expedient that the privileges of exclusive banking therein mentioned should be continued to the said Governor and Company of the Bank of England, with such alterations as are herein contained, upon certain conditions: may it therefore please your Majesty that it may be enacted; and be it enacted by the Queen’s most excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled; and by

the authority of the same, *that from and after the thirty-first day of August, one thousand eight hundred and forty-four*, the issue of promissory notes of the Governor and Company of the Bank of England, payable on demand, shall be separated and thenceforth kept wholly distinct from the general banking business of the said governor and company; and the business of and relating to such issue shall be thenceforth conducted and carried on by the said governor and company in a separate department, to be called 'The Issue Department of the Bank of England,' subject to the rules and regulations hereinafter contained; and it shall be lawful for the court of directors of the said governor and company, if they shall think fit, to appoint a committee or committees of directors for the conduct and management of such issue department of the Bank of England, and from time to time to remove the members, and define, alter, and regulate the constitution and powers of such committee as they shall think fit, subject to any bye-laws, rules, or regulations, which may be made for that purpose: Provided, nevertheless, that *the said issue department shall always be kept separate and distinct from the banking department of the said governor and company.*

Management of the Issue by Bank of England.

" II. And be it enacted, That upon the thirty-first day of August, one thousand eight hundred and forty-four, there shall be transferred, appropriated, and set apart by the said governor and company to the issue department of the Bank of England securities to the value of *fourteen million pounds*, whereof the debt due by the public to the said governor and company shall be and be deemed a part; and there shall also at the same time be transferred, appropriated, and set apart by the said governor and company to the said issue department so much of the gold coin and gold and silver bullion then held by the Bank of England as shall not be required by the banking department thereof; and thereupon there shall be delivered out of the said issue department into the said banking department of the Bank of England such an amount of Bank of England notes as, together with the Bank of England notes then in circulation, shall be equal to the aggregate amount of the securities, coin, and bullion so transferred to the said issue department of the Bank of England; and the whole amount of the Bank of England notes then in circulation, including those delivered to the banking department of the Bank of England as aforesaid, shall be deemed to be issued on the credit of such securities, coin, and bullion so appropriated and set apart to the said issue department; and from thenceforth it shall not be lawful for the said governor and company to increase the amount of securities for the time being in the said issue department, save as hereinafter is mentioned, but it shall be lawful for the said governor and company to diminish the

amount of such securities, and again to increase the same to any sum not exceeding in the whole the sum of *fourteen million pounds*, and so from time to time as they shall see occasion ; and from and after such transfer and appropriation to the said issue department as aforesaid it shall not be lawful for the said governor and company to issue Bank of England notes, either into the banking department of the Bank of England, or to any persons or person whatsoever, save in exchange for other Bank of England notes, or for gold coin or for gold or silver bullion received or purchased for the said issue department under the provisions of this Act, or in exchange for securities acquired and taken in the said issue department under the provisions herein contained : Provided always, that it shall be lawful for the said governor and company in their banking department to issue all such Bank of England notes as they shall at any time receive from the said issue department or otherwise, in the same manner in all respects as such issue would be lawful to any other person or persons.

**Proportion of Silver Bullion to be retained in the Issue Department.*

“ III. And whereas it is necessary to limit the amount of silver bullion on which it shall be lawful for the issue department of the Bank of England to issue Bank of England notes ; be it therefore enacted, That it shall *not* be lawful for the Bank of England to retain in the issue department of the said bank at any one time an *amount of silver bullion exceeding one-fourth part of the gold coin and bullion* at such time held by the Bank of England in the issue department.

All Persons may demand of the Issue Department Notes for Gold Bullion.

“ IV. And be it enacted, That from and after the thirty-first day of August, one thousand eight hundred and forty-four, all persons shall be entitled to demand from the issue department of the Bank of England Bank of England notes in exchange for gold bullion, at the rate of *three pounds seventeen shillings and ninepence* per ounce of standard gold : Provided always, that the said governor and company shall in all cases be entitled to require such gold bullion to be melted and assayed by persons approved by the said governor and company, at the expense of the parties tendering such gold bullion.

Power to increase Securities in the Issue Department, and issue additional Notes.

“ V. Provided always, and be it enacted, That if any banker who on the sixth day of May, one thousand eight hundred and forty-four, was issuing his own bank notes, shall cease to issue his own bank notes, it shall be lawful for her Majesty in Council, at any time after the cessation of such issue, upon the application of the said governor and company, to

authorize the said governor and company *to increase the amount of securities in the said issue department* beyond the total sum or value of fourteen million pounds, and thereupon to issue additional Bank of England notes to an amount not exceeding such increased amount of securities specified in such Order in Council, and so from time to time: Provided always, that such increased amount of securities specified in such Order in Council shall in no case exceed the proportion of *two-thirds the amount of bank notes which the banker so ceasing to issue may have been authorized to issue under the provisions of this Act*; and every such Order in Council shall be published in the next succeeding *London Gazette*.

Account to be rendered by the Bank of England.

“ VI. And be it enacted, That an account of the amount of Bank of England notes issued by the issue department of the Bank of England, and of gold coin, and of gold and silver bullion respectively, and of securities in the said issue department, and also an account of the capital stock, and the deposits, and of the money and securities belonging to the said governor and company in the banking department of the Bank of England, on some day in every week, to be fixed by the Commissioners of Stamps and Taxes, shall be transmitted by the said governor and company weekly to the said commissioners in the form prescribed in the schedule hereto annexed marked (A), and shall be published by the said commissioners in the next succeeding *London Gazette* in which the same may be conveniently inserted.

Bank of England exempted from Stamp Duty upon their Notes.

“ VII. And be it enacted, That from and after the said thirty-first day of August, one thousand eight hundred and forty-four, the said Governor and Company of the Bank of England shall be released and discharged *from the payment of any stamp duty*, or composition in respect of stamp duty, upon or in respect of their promissory notes payable to bearer on demand; and all such notes shall thenceforth be and continue free and wholly exempt from all liability to any stamp duty whatsoever.

*Bank to allow 180,000*l.* per Annum.*

“ VIII. And be it enacted, That from and after the said thirty-first day of August, one thousand eight hundred and forty-four, the payment or deduction of the annual sum of one hundred and twenty thousand pounds, made by the said governor and company under the provisions of the said Act, passed in the fourth year of the reign of his late Majesty King William the Fourth, out of the sums payable to them for the charges of management of the public unredeemed debt, shall cease, and in lieu thereof the said governor and company, in consideration of the

privileges of exclusive banking, and the exemption from stamp duties, given to them by this Act, shall, during the continuance of such privileges and such exemption respectively, but no longer, deduct and allow to the public, from the sums now payable by law to the said governor and company for the charges of management of the public unredeemed debt, the *annual sum of one hundred and eighty thousand pounds*, any thing in any Act or Acts of Parliament, or in any agreement, to the contrary notwithstanding: Provided always, that such deduction shall in no respect prejudice or affect the rights of the said governor and company to be paid for the management of the public debt at the rate and according to the terms provided in an Act passed in the forty-eighth year of the reign of his late Majesty King George the Third, intituled ‘An Act to authorize the advancing for the Public Service, upon certain Conditions, a Proportion of the Balance remaining in the Bank of England, for the Payment of Unclaimed Dividends, Annuities, and Lottery Prizes, and for regulating the Allowances to be made for the Management of the National Debt.’

Bank to allow the Public the Profits of increased Circulation.

“IX. And be it enacted, That in case, under the provisions herein-before contained, the securities held in the said issue department of the Bank of England shall at any time be increased beyond the total amount of fourteen million pounds, then and in each and every year in which the same shall happen, and so long as such increase shall continue, the said governor and company shall, in addition to the said annual sum of one hundred and eighty thousand pounds, make a further payment or allowance to the public, equal in amount to *the net profit derived in the said issue department during the current year from such additional securities*, after deducting the amount of the expenses occasioned by the additional issue during the same period, which expenses shall include the amount of any and every composition or payment to be made by the said governor and company to any banker in consideration of the discontinuance at any time hereafter of the issue of bank notes by such banker, and such further payment or allowance to the public by the said governor and company shall, in every year while the public shall be entitled to receive the same, be deducted from the amount by law payable to the said governor and company for the charges of management of the unredeemed public debt, in the same manner as the said annual sum of one hundred and eighty thousand pounds is hereby directed to be deducted therefrom.”

Bank to enjoy Privileges subject to Redemption.

“XXVII. And be it enacted, That the said Governor and Company of the Bank of England shall have and enjoy such exclusive privilege of

banking as is given by this Act, upon such terms and conditions, and subject to the termination thereof at such time and in such manner as is by this Act provided and specified; and all and every the powers and authoritics, franchises, privileges, and advantages, given or recognised by the said recited Act passed in the fourth year of the reign of his Majesty King William the Fourth, as belonging to or enjoyed by the said Governor and Company of the Bank of England, or by any subsequent Act or Acts of Parliament, shall be and the same are hereby declared to be in full force, and continued by this Act, except so far as the same are altered by this Act; subject nevertheless to redemption upon the terms and conditions following; (that is to say,) *at any time upon twelve months' notice to be given after the first day of August, one thousand eight hundred and fifty-five*, and upon repayment by Parliament to the said governor and company or their successors of the sum of eleven million fifteen thousand and one hundred pounds, being the debt now due from the public to the said governor and company, without any deduction, discount, or abatement whatsoever, and upon payment to the said governor and company and their successors of all arrears of the sum of one hundred thousand pounds per annum, in the last-mentioned Act mentioned, together with the interest or annuities payable upon the said debt or in respect thereof, and also upon repayment of all the principal and interest which shall be owing unto the said governor and company and their successors upon all such tallies, exchequer orders, exchequer bills, or parliamentary funds which the said governor and company or their successors shall have remaining in their hands or be entitled to at the time of such notice to be given as last aforesaid, then and in such case, and not till then, the said exclusive privileges of banking granted by this Act shall cease and determine at the expiration of such notice of twelve months; and any vote or resolution of the House of Commons, signified under the hand of the Speaker of the said house in writing, and delivered at the public office of the said governor and company, shall be deemed and adjudged to be a sufficient notice." *

We have noticed the provisions of this Act in a former part of our work. We shall here only give a summary of the business operations of the bank.

The Bank of England is a bank of issue. She can issue to the extent of 14,000,000*l.* against that amount of securities set apart for that purpose. She can issue to any farther amount against lodgments of gold and silver, as regulated by the above Act. This amount of

14,000,000*l.* may be issued either at the office in London or at the branches. Were she to reduce the number of her branches she would not be required to issue less than this 14,000,000*l.*; and were she to increase her branches, she could issue no more. If other banks discontinue their circulation, she may upon application receive permission to extend her issues to two-thirds the sum thus withdrawn; but all the profit of this increase must go to the Government. She cannot issue any note for a less amount than five pounds. All the notes are payable in gold on demand. The payment of those issued in London can be demanded only at the London office. But the payment of those issued at the branches may be demanded either at the London office or at the branches where they were respectively issued. Bank of England notes are a legal tender in all cases, except when tendered by the bank herself.

The Bank of England is also a bank of deposit, of loan, and of discount. She allows no interest on any portion of her deposits, nor permits any account to be overdrawn. She charges various rates on the bills she discounts, but does not go below the rate she announces to be her minimum. She does not act as the London agent of country banks; but is the agent of the Bank of Ireland, and the Royal Bank of Scotland. She does not accept any bills that may be drawn by those banks, or by her own branches—they are all drawn without acceptance. She does not issue any circular notes on foreign countries, nor grant letters of credit on foreign banks. She remits money to and from her branches, and from one branch to another. She issues at the London office bank-post bills, drawn at seven days' sight.

The Bank of England is also the banker of the Government. She has always a large amount of public deposits,

on which she allows no interest. She receives the public revenue, and pays the dividends on the National Debt.

The profits of the bank are derived from her capital, her rest, public and private deposits, the seven day-bills, her agencies, and her circulation. From these funds she makes investments in public securities and private securities. These bring dividends and interest. She also has a profit on the 14,000,000*l.* of notes in circulation. This profit is the difference between the expense of maintaining the circulation, and the interest received on the securities set apart to meet this circulation. The bank has an annual payment from the Government for managing the National Debt. She also receives a commission from those banks to which she is the London agent. A profit is also obtained on bullion transactions. The bank buys gold at 3*l.* 17*s.* 9*d.* an ounce and sells it at 3*l.* 17*s.* 10*½d.* an ounce. Against these profits the bank has to place the expense of conducting the establishment, and the losses incurred by bad debts, forgeries, and unfortunate investments.

The Branches of the Bank of England.

The Act of 1826 which permitted the formation of joint-stock banks in England, also authorized the Bank of England to establish branches in the provincial towns. Their mode and terms of transacting business were thus described at the time in a Welsh newspaper called the *Cambrian* :—

“ The branch bank is to be a secure place of deposit for persons having occasion to make use of a bank for that purpose; such accounts are termed *drawing accounts*. The facility to the mercantile and trading classes of obtaining discounts of good and unexceptionable bills, founded upon real transactions, two approved names being required upon every bill or note discounted; these are called *discount accounts*. The application of parties who desire to open discount accounts at the branch, are forwarded every Saturday to the parent establishment for approval,

and an answer is generally received in about ten days. When approved, good bills may be discounted at the branch without further reference to London. Bills payable at Swansea, London, or any other place where a branch is established, are discounted under this regulation. The dividends on any of the public funds, which are payable at the Bank of England, may be received at the branch here, by parties who have opened 'drawing accounts,' after signing powers of attorney for that purpose, which the branch will procure from London. No charge is made in this case, except the expense of the power of attorney and its postage. Purchases and sales of every description of Government securities are effected by the branch at a charge of one quarter per cent., which includes brokerage in London, and all expenses of postage, &c. A charge of one quarter per cent. is also made on paying at the Bank of England bills accepted by persons having drawing accounts at Swansea, such bills to be advised by the branch; also for collecting payment of bills at the other branches, and on granting letters of credit on London, or on the other branches. The branch grants bills on London, payable at twenty-one days' date without acceptance, for sums of ten pounds and upwards. Persons having drawing accounts at Swansea, may order money to be paid at the bank in London, to their credit at this place, and *vice versa*, without any expense. The branch may be called upon to change any notes issued and dated at Swansea, but they do not change the notes of the bank in London, nor receive them in payment, unless as a matter of courtesy where the parties are known. Bank post bills which are accepted and due, are received at the branch from parties having drawing accounts, and taken to account without any charge for postage; but unaccepted bank post bills, which must be sent to London, are subject to the charge of postage, and taken to account when due. No interest is allowed on deposits. No advance is made by the branch upon any description of landed or other property, nor is any account allowed to be overdrawn. The notes of Messrs. Walters' Bank at this place, of Messrs. Williams & Rowland, Neath Bank, and of the Brecon Old Bank, are received in payment at the branch. Any other country bankers may open an account for the like purpose. The notes are the same as those issued by the parent establishment, except being dated Swansea, and made payable there and in London. No note issued exceeds the sum of 500*l.*, and none are for a less amount than 5*l.*"

The Bank of England has opened fourteen branches. But the Exeter branch was removed, in the year 1844, to Plymouth; and the Gloucester branch has recently been closed. The following tables will show the circulation in notes, and bank post bills, of each branch.

The following is an Account of the Average Circulation of BRANCH NOTES in each year, from 1832 to 1847, both inclusive, distinguishing the Amount from each Branch:—

	1832.	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	
Gloucester	£ 56,068	£ 49,084	£ 37,039	£ 37,718	£ 82,953	£ 211,531	£ 304,356	£ 339,722	£ 308,819	£ 302,665	£ 273,239	£ 121,917	£ 103,731	£ 90,897	£ 83,290	£ 71,975	
Manchester.....	1,315,296	1,526,743	1,605,280	1,473,758	1,560,426	1,505,732	1,501,231	1,476,097	1,424,529	1,501,143	1,604,056	1,780,994	2,154,502	2,398,540	2,323,185	2,129,062	
Swansea	49,428	47,297	56,318	68,721	80,408	97,313	99,066	104,614	96,494	81,720	84,235	83,6 8	96,113	99,150	106,369	106,634	
Birmingham	413,622	402,739	333,125	328,329	368,463	432,186	452,431	499,017	525,650	553,320	555,496	605,095	600,900	592,107	608,389	658,231	
Liverpool	377,144	522,625	581,228	710,615	828,820	756,383	833,272	800,054	769,438	722,896	777,838	919,047	1,241,467	1,367,365	1,129,299	1,118,691	
Bristol	113,320	116,465	94,630	84,721	74,280	78,386	74,944	69,424	76,359	78,030	168,407	252,74	324,696	436,426	446,027	421,590	
Leeds	199,005	262,250	229,606	247,126	262,537	211,797	197,164	192,755	164,207	197,225	297,082	325,774	322,372	403,292	396,204	339,595	
Newcastle	51,146	49,853	59,251	104,112	123,072	241,111	251,103	338,079	376,565	424,573	498,704	543,287	598,290	666,086	695,130	742,628	
Hull	59,272	68,035	58,522	52,039	66,859	77,438	80,015	81,046	84,511	78,842	80,486	89,137	98,826	124,523	122,582	112,039	
Norwich	30,245	32,521	25,117	16,689	12,843	11,661	10,723	12,020	10,546	10,050	19,369	55,738	65,980	30,752	12,290	10,553	
Plymouth .....	...	42,018	60,552	64,254	70,953	61,475	56,515	56,004	70,802	254,623	291,995	364,817	351,402	332,058	311,480	
Portsmouth.....	...	35,672	62,060	59,442	109,443	127,363	116,354	112,832	139,457	267,424	367,377	417,521	383,537	343,203	317,332		
Leicester .....	...	...	...	...	...	...	...	...	...	...	...	127,205	183,507	174,910	168,020	
Exeter*	31,154	36,016	34,869	7,334	3,411	2,259	1,685	1,308	1,053	805	661	610	564	—	—		
	2,695,700	3,113,628	3,214,655	3,253,754	3,587,766	3,336,163	3,994,828	4,687,002	4,006,987	4,216,529	4,886,618	5,437,396	6,516,984	7,127,604	6,773,636	6,527,740	

* This Branch was removed to Plymouth, 1 May, 1831.

The following is an Account of the Average Circulation of 'Twenty-One-Days' and 'Seven-Days' Bills, in each year, from 1832 to 1847; distinguishing the Amount from each Branch.—

	1832.	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£
Gloucester	2,327	1,947	2,008	2,427	1,606	1,835	1,805	1,139	1,012	790	679	722	1,342	739	969	958
Manchester	13,972	15,407	13,542	19,357	14,934	13,862	14,736	16,505	24,310	33,169	33,010	52,124	76,067	89,862	82,750	74,690
Swansea	2,258	1,855	1,568	2,496	1,581	1,435	1,502	1,342	1,150	1,474	1,752	1,748	2,202	2,079	1,946	2,186
Birmingham	5,474	4,670	4,320	3,828	3,471	3,934	3,257	3,473	3,763	3,862	3,825	4,941	5,967	9,912	6,732	6,885
Liverpool	33,746	36,132	36,464	54,567	44,263	33,953	30,687	32,009	39,761	47,960	53,500	65,325	84,239	112,270	93,394	91,602
Bristol	8,578	7,888	7,521	4,895	3,637	4,458	3,645	3,408	3,373	3,154	3,591	3,484	5,828	9,143	6,852	8,447
Leeds	6,109	7,289	6,176	5,936	4,498	3,466	3,418	3,631	3,638	5,017	5,730	6,311	10,155	12,575	13,130	13,289
Newcastle	2,115	1,284	624	2,987	2,615	3,564	2,736	3,329	4,605	5,582	5,917	6,576	7,805	11,943	14,761	21,863
Hull	3,795	4,831	2,434	2,003	2,313	2,736	2,532	3,002	3,173	3,217	4,526	5,132	7,782	11,140	9,806	11,217
Norwich	1,712	1,650	1,340	2,119	1,105	1,385	936	1,331	1,377	1,804	1,788	1,949	2,329	1,719	1,612	1,557
Plymouth .....	...	...	939	2,731	2,714	1,615	2,528	3,503	2,759	3,551	3,482	3,682	3,764	3,867	3,667	4,596
Portsmouth .....	...	...	269	738	1,069	1,758	2,368	2,058	2,650	3,284	2,879	3,016	3,200	3,635	3,635	3,897
Leicester .....	...	...	...	...	...	...	...	...	...	...	...	1,871	2,676	1,859	1,547	—
Exeter*	815	938	900	—	—	—	—	—	—	—	—	—	—	—	—	—
	80,901	85,942	78,185	104,084	83,906	74,121	70,220	74,730	91,621	112,364	122,729	157,010	212,551	271,560	241,093	242,734

* This Branch was removed to Plymouth, 1 May, 1834.

The Gloucester branch has recently been closed. At one time the Gloucestershire Banking Company issued only the notes of this branch; but previous to 1844, they resumed the circulation of their own notes, and hence in the years 1843, 1844, the circulation of this branch declined. Whether it be from this cause, or from the operation of the Act of 1844, that the branch has been discontinued, we do not know. It is clear, that under this Act, the Bank of England has few motives for extending her branches. She cannot increase her circulation of notes except under especial circumstances, and then all the profit must go to the Government.

The Bank of England consented to establish branches in the year 1826, at the suggestion of Lord Liverpool, in order to extend to the provinces the advantage of a *secure* circulation. This was considered the grand desideratum at that time, in consequence of the numerous failures that had recently taken place among the country bankers. This object was effected, and effected with greater facility, in consequence of the establishment of joint-stock banks, who made arrangements for issuing Bank of England notes.

These branches were not merely banks of circulation. They were banks of deposit, of discount, and of remittance. In these respects they came into competition with the country bankers. This, in some cases, reduced the charges previously made on banking transactions. As banks of discount, they charged the same rate which was charged at the London office—a charge usually below that of the country banks. As banks of remittance, they granted letters of credit at a shorter term. As banks of deposit, they charged no commission. But, on the other hand, they allowed no interest on the balance, and they allowed no account to be overdrawn; and they would not

receive from their depositors any country notes unless the banks had previously opened an account with them, and made a lodgment to meet their notes.

While, therefore, the branches have obtained a large circulation, and have transacted a good business as banks of discount and of remittance, they have not made much progress as banks of deposit. The deposits at all the branches amount to only 1,200,000*l.* When it is considered that the branches are established in large towns, and that many of them have existed for above twenty years, this amount is far from considerable.

Here is another anomaly of the Act of 1844. The Bank of England is placed in a position in which it is her interest to withdraw some of her branches. At the same time, the banks of issue in the neighbourhood of those branches are not allowed to extend their issues so as to fill up the vacuum which is thus occasioned in the amount of the local circulation.

The Laws of the Currency with Reference to the Bank of England.

In March, 1841, I was, at the request of the joint-stock banks, examined as a witness before a Select Committee of the House of Commons "appointed to inquire into the effects produced on the circulation of the country by the various banking establishments issuing notes payable on demand." The charge advanced at the time against the issuing joint-stock banks, and generally against all banks of issue, was, that they did not make the amount of their circulation correspond with the amount of the circulation of the Bank of England. With reference to this accusation, I laid before the committee a variety of tables, designed to show the laws which regulated the circulation of the Bank of England, of the

country banks, of the banks of Ireland and of Scotland, respectively. The inference was designed to show that no correspondence could exist between the circulation of these several banks. These tables cannot be introduced here. But the following is a summary of my evidence on this subject, taken from an article on "The Laws of the Currency," which I published in the "Foreign and Colonial Review" of April, 1844 :—

" We have before us two reports from the Committee on Banks of Issue, laid before the House of Commons in the years 1840 and 1841. The committee report the evidence, and abstain from giving any opinion upon the great questions involved in the inquiry. They, however, recommended the passing of the Act 4 & 5 Vict. c. 56, requiring a monthly registry of the circulation of the Bank of England, and of the other banks of issue, with the amount of bullion, to be published in the *Royal Gazette*. It may therefore be expected that, in a course of years, a sufficient number of facts will be recorded to enable future generations to form 'well-grounded opinions' on this important subject.

" In the mean time we will make use of the information we already possess. We will take the monthly returns of the circulation for the period that is past, that is, from September 1833 to the end of 1843, and endeavour, by observing their various revolutions, to discover if they are governed by any fixed causes or principles—to ascertain if those principles are uniform in their operation; and if we should discover that the revolutions of the currency are regulated by any uniform principles, we shall call those principles the Laws of the Currency.

" We shall begin with that portion of the currency which consists of notes issued by the Bank of England. On looking over the monthly circulation of the Bank of

England, given in the Table, No. 34, in the Appendix to the Report of 1840,* we observe, that the circulation of the months in which the public dividends are paid is higher than in the subsequent months. Thus, the average circulation of January is higher than that of February or March. The circulation of April is higher than that of May or June. The circulation of July is higher than that of August or September. And the circulation of October is higher than that of November or December. This, then, we may consider as one law of the circulation of the Bank of England—that it ebbs and flows four times in the year, in consequence of the payment of the quarterly dividends. This law does not apply to any other bank, as all the Government dividends are paid by the Bank of England.

“ Again, the purchase and sale of Government stock and exchequer bills by the Bank of England affects the amount of her circulation. If the bank purchase Government stock or exchequer bills, she pays for them in her own notes, and thus increases her circulation. If, on the other hand, she sell Government stock or exchequer bills, she receives payment in her own notes, and thus her circulation is diminished. Another law, then, and one peculiar to the Bank of England, is, that her circulation is affected by the purchases and sales of Government securities.

“ As the payment of the public dividends puts into circulation the notes of the bank, the receipt of the public revenue will of course withdraw her notes from circulation. A large amount of the public revenue is paid at

* This table, extended to the latest return, is published in the Banking Almanack for 1849, p. 24. It will be seen that the laws of the circulation of the Bank of England remain the same as before the passing of the Act of 1844.

the latter part of the year, and this probably is the main cause why the amount of the Bank of England circulation is always the lowest in the month of December. Although the circulation ebbs and flows four times in the year, yet the December* point is always the lowest point throughout the year ; and this is the case in every year, although the Bank of England is always open in December for short loans, the granting of which increases her circulation. This, then, is another law of the circulation.

" If the bank purchase bullion with her notes, that will of course increase her circulation ; if she sell bullion, that will diminish her circulation : and, as the bank is always open for the purchase of bullion at a fixed price, and as gold may at all times be withdrawn from her in payment of her notes, her circulation is subject to considerable fluctuation from this cause. There is not, however, any uniform correspondence between the amount of her circulation† and the amount of her bullion ; for when she pays the public dividends, she increases her notes, but diminishes her bullion ; and when she receives the public revenue, as in December, her circulation is diminished, but the bullion is increased. These contrary fluctuations are occasioned by that portion of our currency which is under 5*l.* consisting of the precious metals ; but they do not impugn the law which states that the purchase of gold increases, and the sale of gold diminishes, the amount of her circulation.

" We have thus traced those peculiar laws which regulate the monthly revolutions of the circulation of the

* There was an exception to this law in December 1843, in consequence of the calling in of the light sovereigns.

† The word "circulation" means of course the amount of notes in the hands of the public. Since the passing of the Act of 1844 the word has been sometimes used in a more extended sense, so as to include also the notes in the banking department of the Bank of England.

Bank of England. We shall now proceed to its annual revolutions.

"Any of the causes of the monthly fluctuations of the circulation of the Bank of England, if called into operation more in one year than in another, may become causes of annual fluctuations. But the most uniform and permanent cause of annual fluctuation appears to be made by the purchases and sales of bullion. The word 'bullion,' in the bank returns, means gold and silver, whether coined or uncoined, and whether lying at the head office or at the branches. When the foreign exchanges are in favour of this country, bullion is imported and sold to the Bank of England; and when the exchanges are unfavourable, gold is exported, and the exporters obtain the gold from the Bank of England, either by purchase or by demanding payment of her notes. In most cases, however, the circulation does not fluctuate so much as the bullion. For when notes are issued against a large importation of bullion, money becomes abundant and cannot be employed, and hence it is lodged by bankers and others in the Bank of England, on deposit. But so long as the bank keeps her securities of the same amount, the increase of the bullion will always be about equal to the increase of the circulation and the deposits added together. And on the other hand, when an adverse exchange draws bullion from the bank, the deposits decrease as well as the circulation; and the decrease in both together will be equal to the amount of gold withdrawn; that is, supposing the securities to remain the same.

"By 'securities' is meant Government stock, exchequer bills, loans, discounted bills, or anything else on which the bank may have advanced money. It is a principle of management by the bank, to keep the total amount of their securities equal, or nearly so; and so long as this

rule is acted upon, the tendency of exportations or importations of bullion to produce the variations we have described, must be considered as one of the laws of the circulation."

One Bank of Issue.

Mr. Cotton, who was the Governor of the Bank of England when the Act of 1844 was passed, stated in the evidence before a Committee of the House of Commons, in 1848, that the ultimate object of that Act was the establishment of one bank of issue.* I was examined on this subject before the committee on banks of issue, in the year 1841. The following is a summary of my evidence :—

1. *If we had only one bank of issue we should have sometimes too much money and sometimes too little for the wants of trade.*—"I think it is one of the inconveniences of a metallic currency, and would, in fact, be one of the inconveniences of a sole bank of issue, that at one part of the year we should have too much money, and at another part too little; because, as money would not fluctuate in amount, and the demands of trade would fluctuate, the amount of money would not be proportionate throughout the year to the demands of trade." . . . "I have shown from Appendix 34, that even taking the whole circulation together, there is a difference varying from two to four millions, in the total amount of the circulation; and, therefore, after supposing all these transfers to have taken place, if they could have taken place at all, and that the surplus of one district was to supply the wants of another, still there would be a very great inequality in the amount of money, as compared with the demands of trade."

"It appears from Appendix 34, that the total amount

* Commons, 4561.

of notes in England, Scotland, and Ireland, varies very considerably in different months of the year. Supposing, then, that you had one bank, and that all the notes in circulation were the notes of that one bank, which did nothing but issue notes against gold, and gold against notes, how would you employ those notes which were not wanted in the slack periods of the season?" . . . " It is evident from Appendix 34, that during some part of the year there is not employment for the entire amount of money that is required in another season of the year; and if you had one bank of issue, as you could not contract the circulation, you would have a surplus circulation, which would have the effect of lowering the rate of interest, and promoting speculation."

2. *One bank of issue would reduce the means of the country bankers to afford assistance to their customers, and hence cause great distress, especially in the agricultural districts.*—" What would be the effect which you think it would produce upon country bankers?" . . . " I think the banks, in the first place, having to pay off their notes, it would reduce their funds, from which they now give accommodation to their customers; and in order to find funds to pay off those notes, they would have to recall loans, and to reduce discounts to such a degree as to cause considerable distress throughout the country, and more especially in the agricultural districts."

3. *The bankers would be compelled to increase their charges.*—" What effects do you imagine would ensue when the measure had once been carried into effect?" . . . After the measure had once been carried into effect, the which the country bankers would be compelled to be upon that accommodation which they would still have the power of affording, must be considerably increased."

"Why?" . . . "Because they would then get no profit upon the notes; at present they can afford to advance money at a low rate of interest when issued in their own notes, because of the profit upon those notes. When I was in Ireland, I discounted bills at the same rate which was charged by the Bank of England here, and for the same reason, because I issued my own notes; but if the country bankers had to bring the money from a distance and lend it to their customers, they must get a greater interest from their customers than they could get by employing in London or elsewhere, and hence they must make, either in the form of interest, or in the form of commission, heavier charges than they made before."

4. *One bank of issue would cause some of the smaller banking establishments to be discontinued.*—"The profit on the circulation being thus reduced, there would be a further effect by the limitation of banking establishments; for some of those establishments are so small, and established in remote places, that they would scarcely pay the expense of conducting them, unless for the profits of the circulation; and yet the withdrawal of those establishments, though connected with no great profit to the bank, would be attended with very considerable loss and inconvenience to the inhabitants of those places, because those banks act as receivers of the surplus capital, and hence they are useful to persons who have money to place in those banks; they act as discounters and granters of loans, and hence they are useful to the productive industry of the country; they are also useful as banks of remittance, for the purpose of making payments from those places elsewhere, and hence they are useful to traders; and those useful purposes, as far as many small banks are concerned, would be altogether annihilated, if those establishments did not issue their own notes."

"In your opinion, the suppression of their circulation would render it necessary for them to charge a higher commission upon their operations, or a higher interest upon the loans which they make?" "With regard to those small establishments, I do not think any rate of commission could pay the expense: with regard to the larger establishments, you might make up for the deficiency of profit upon the circulation by an increased charge of commission; but with regard to small establishments, in remote places, the business is not sufficient, even with the charge of commission, to pay the expence without the profits of the circulation: annihilation of the circulation would lead to annihilation of the bank."

5. One bank of issue would lead to the substitution of bills of exchange, or some other form of credit currency.—

"Do you conceive that it would have any effect upon what you have called the amount of the circulation, which in your opinion is required at different times of the year?"

. . . . "I think it would have a considerable effect generally in the reduction of the circulation; because if the circulation was issued by one single bank, the local bankers in the respective districts would have no interest in increasing the amount of that circulation, and hence, in places where it could be done, the bankers would most likely have recourse to a bill circulation, and they would substitute bills for the circulation of this one bank of issue. We know that at Manchester and Liverpool, and in other places in that district, a bill circulation a short time ago was almost the entire circulation; and it was not till the Bank of England established branches in those places, that the bill circulation became considerably reduced; and even then the bank obtained a circulation in those places only by offering their notes to country bankers at a reduced rate of interest. Now, if you had

only one bank of issue, it is not to be supposed that the country bankers would obtain those notes at a reduced rate of interest, and consequently they would have no advantage in getting them into circulation; they would fall back upon their bill circulation, upon which they got a profit, and the amount of note circulation would, I think, be considerably reduced."

6. *With one bank of issue the reactions of the Foreign Exchanges would produce great and universal distress, and yet not accomplish that constant conformity between the London and country circulation which is sought to be attained.*—“Do you conceive that such a change as has been contemplated, namely, the abolition of country bank notes, would produce any effect upon the foreign exchanges?” . . . “The effect upon the foreign exchanges would depend upon the principle upon which the single bank of issue was conducted. If conducted merely by issuing gold for notes and notes for gold, I consider that when the foreign exchanges were favourable, and brought in a large amount of gold, then there would be a large amount of notes put into circulation. I think that was the case in 1837 and 1838, although the Bank of England did not issue to such an extent as, upon the principle assumed, this one bank of issue would be compelled to do. I consider that thus this large amount of notes put into circulation against the importation of gold would reduce the rate of interest, would excite speculation, and lead to foreign investments; that a reaction would then take place, and the amount of contraction would be very considerable, so as to produce very great distress.”

“Now, whether you have different banks, or whether you have only one bank, if there is a certain amount of circulation in the country, and a certain amount in London, and the Bank of England, or the central bank,

purchase a large amount of bullion in London, that immediately disturbs the proportion that existed between the London circulation and the country circulation ; and, on the other hand, if there is a demand for bullion to go abroad, and bullion is sold at the central office, that will contract the circulation, and contract it much more than it could be immediately contracted in the country. If, therefore, the liability to a disproportion in amount between the country and the London circulation is a defect in the existing system, it is a defect which the establishment of only one bank of issue will not remedy.”

7. *The Establishment of one bank of issue would embarrass the Fiscal operations of the Government.*—“ I may now state, with reference to the payment of the public dividends, that the Bank of England advances loans in December, before the dividends are paid, which loans are discharged after the dividends are paid, and thus the fluctuation in the currency is very considerably diminished from what it otherwise would be. Now, if we had a bank that could not do this, if the currency were issued upon what have been called currency principles, then the Chancellor of the Exchequer must have the whole amount of the January dividends in his strong room before he could pay those dividends. Out of the circulation of England and Wales, consisting of about 28,000,000*l.* you must collect eight millions and a half, and lock them up in the custody of the Government previously to the payment of the dividends ; then you pay out in a mass these eight millions and a half, and that in a state of contracted currency ; and thus you go on, four times in the year, producing the most violent and most extravagant fluctuations : whereas now, by the excellent plan adopted by the Bank of England, in issuing her notes before the payment of the dividends, by means of loans, which are discharged after

the payment of the dividends, notwithstanding you pay eight millions and a half of dividends, you produce a fluctuation in the currency of only two millions and a half."

8. *The principle of one bank of issue cannot be applied to the various currencies of the United Kingdom.*—“What is the general conclusion which you propose to draw from the tables you have put in ?” “The general conclusion I would draw is, that the Bank of England is governed by certain laws which do not apply to the country circulation; that the country circulation of England is also governed by laws peculiar to itself; that the circulation of Ireland is also governed by laws peculiar to itself; that the circulation of Scotland is also governed by laws peculiar to itself; that those respective circulations are all governed by uniform laws, as is shown by their arriving at nearly the same point at the same period of the year; and, therefore, that you cannot introduce any system by which all those various circulations, governed by different laws, can be amalgamated into one system; that such a system would be at variance with itself, and would tend to destroy that beautiful system of country banking which now exists in this country—a system which has tended very much to the prosperity of this country, which, by receiving the surplus capital of different districts, and giving out the capital for the encouragement of trade, calls forth all the natural resources of the country, and, puts into motion the industry of the nation, and at the same time supplies a circulation which expands and contracts in each district according as it is required by the trade or agriculture of the district. Those expansions or contractions take place at different periods of the year in different districts; the circulation expands when the wants of trade require it, and when no longer wanted

it again returns; and I think this beautiful system, in the language of the resolutions passed by the deputies from the joint-stock banks, 'has greatly promoted the agriculture, trade, mining, and general industry of the nation, and that equal advantages cannot be produced by one bank of issue.'

We shall conclude this section by copying the correspondence between the First Lord of the Treasury and the Chancellor of the Exchequer and the Bank of England, respecting the suspension of the Act of 1844.

"GENTLEMEN,

"*Downing-street, 25 October, 1847.*

"Her Majesty's Government have seen with the deepest regret the pressure which has existed for some weeks upon the commercial interests of the country, and that this pressure has been aggravated by a want of that confidence which is necessary for carrying on the ordinary dealings of trade.

"They have been in hopes that the check given to transactions of a speculative character, the transfer of capital from other countries, the influx of bullion, and the feeling which a knowledge of these circumstances might have been expected to produce, would have removed the prevailing distrust.

"They were encouraged in this expectation by the speedy cessation of a similar state of feeling in the month of April last.

"These hopes have, however, been disappointed, and Her Majesty's Government have come to the conclusion, that the time has arrived when they ought to attempt, by some extraordinary and temporary measure, to restore confidence to the mercantile and manufacturing community.

"For this purpose, they recommend to the directors of the Bank of England, in the present emergency, to enlarge the amount of their discounts and advances upon approved security; but that, in order to retain this operation within reasonable limits, a high rate of interest should be charged.

"In present circumstances, they would suggest that the rate of interest should not be less than 8 per cent.

"If this course should lead to any infringement of the existing law, Her Majesty's Government will be prepared to propose to Parliament, on its meeting, a Bill of Indemnity. They will rely upon the discretion of the directors to reduce as soon as possible the amount of their notes, if any extraordinary issue should take place, within the limits prescribed by law.

"Her Majesty's Government are of opinion that any extra profit derived from this measure should be carried to the account of the public, but the precise mode of doing so must be left to future arrangement.

"Her Majesty's Government are not insensible of the evil of any departure from the law which has placed the currency of this country upon a sound basis; but they feel confident that, in the present circumstances, the measure which they have proposed may be safely adopted, and at the same time the main provisions of that law, and the vital principle of preserving the convertibility of the bank note, may be firmly maintained.

"We have the honour to be, Gentlemen,

"Your obedient humble Servants,

(Signed) "J. RUSSELL.

*"The Governor and Deputy Governor
of the Bank of England."*

"CHARLES WOOD.

"GENTLEMEN,

"*Bank of England, 25 October, 1847.*

"We have the honour to acknowledge your letter of this day's date, which we have submitted to the Court of Directors, and we enclose a copy of its resolutions thereon.

"We have the honour to be, Gentlemen,

"Your most obedient Servants,

"JAMES MORRIS, *Governor.*

"H. J. PRESCOTT, *Deputy Governor.*

*"To the First Lord of the Treasury and
the Chancellor of the Exchequer."*

•1

"At a Court of Directors, at the Bank of England, Monday, 25 Oct. 1847: *Resolved*—

"1. That this Court do accede to the recommendation contained in the letter from the First Lord of the Treasury and the Chancellor of the Exchequer, dated this day, and addressed to the Governor and Deputy Governor of the Bank of England, which has just been read.

"2. That the minimum rate of discount on bills not having more than 95 days to run be 8 per cent.

"3. That the advances be made on bills of exchange, on stock, exchequer bills and other approved securities, in sums of not less than two thousand pounds, and for a period to be fixed by the Governors, at the rate of 8 per cent. per annum."

* GENTLEMEN,

"Downing-street, 23 November, 1847.

"Her Majesty's Government have watched, with the deepest interest, the gradual revival of confidence in the commercial classes of the country.

"They have the satisfaction of believing that the course adopted by the Bank of England, on their recommendation, has contributed to produce this result, whilst it has led to no infringement of the law.

"It appears, from the accounts which you have transmitted to us, that the reserve of the Bank of England has been for some time steadily increasing, and now amounts to 5,000,000*l.* This increase has, in a great measure, arisen from the return of notes and coin from the country.

"The bullion exceeds 10,000,000*l.*, and the state of the exchanges promises a further influx of the precious metals.

"The knowledge of these facts by the public is calculated to inspire still further confidence.

"In these circumstances, it appears to Her Majesty's Government that the purpose which they had in view in the letter which we addressed to you on the 25th October has been fully answered, and that it is unnecessary to continue that letter any longer in force.

"We have the honour to be, Gentlemen,

"Your obedient humble Servants,

— (Signed)

"J. RUSSELL.

"CHARLES WOOD.

"*The Governor and Deputy Governor
of the Bank of England.*"

* GENTLEMEN,

"Bank of England, 23 November, 1847.

"We have the honour to acknowledge the receipt of your letter of this day's date, in which you communicate to us that in consequence of the gradual revival of confidence in the commercial classes of the country, it appears to Her Majesty's Government that the object they had in view in the letter they addressed to us on the 25th October has been fully answered, and that it is unnecessary to continue that letter any longer in force.

"We have the honour to be, Gentlemen,

"Your most obedient Servants,

"JAMES MORRIS, *Governor.*

"H. J. PRESCOTT, *Deputy Governor.*

"*To the First Lord of the Treasury and
the Chancellor of the Exchequer.*"

SECTION II.

5*t*0*l.*

THE LONDON PRIVATE BANKERS.

By the last Bank Charter Act (7 & 8 Vict. c. 32. s. 21), passed in the session of 1844, it was enacted "that every banker in England and Wales, who is now carrying on, or shall hereafter carry on business as such, shall, on the first day of January in each year, or within fifteen days thereafter, make a return to the Commissioners of Stamps and Taxes at their head office in London, of his name, residence, and occupation, or in the case of a company or partnership, of the name, residence, and occupation of every person composing or being a member of such company or partnership, and also the name of the firm under which such banking company or partnership carry on the business of banking, and of every place where such business is carried on; and if any such banker, company, or partnership, shall omit or refuse to make such return within fifteen days after the said first day of January, or shall wilfully make other than a true return of the persons as herein required, every banker, company, or partnership so offending, shall forfeit and pay the sum of 50*l.*; and the said Commissioners of Stamps and Taxes shall, on or before the first day of March in every year, publish in

some newspaper circulating within each town or county respectively, a copy of the return so made by every banker, company, or partnership carrying on the business of bankers within such town, or respectively, as the case may be."

This was the first time that any of the banking companies in London were required to make returns to Government of the number or names of their partners. All banks that issued notes were required when they applied for a license, to name their partners; but as none of the London bankers issued notes, they required no license, and made no return. Nor did the joint-stock banks established in London, make any returns to the Government of their partners. For as they did not possess, until the year 1844, the power of suing and being sued in the name of their public officers, they did not register, at any Government office, the names of their partners, though, in some cases, these names were appended to the Annual Reports of the directors. This Act (7 & 8 Vict. c. 32) came into operation in January 1845, and we have now, therefore, for the first time, the means of obtaining the names of all the partners in all the banking establishments throughout England and Wales.*

The Act not only requires that the bankers shall make these returns between the first and fifteenth of January in each year, it requires also, that the Commissioners of Stamps and Taxes shall publish them before the first of March following, in some newspaper that circulates within the town or county in which the bankers making the return carry on their business. The returns from the London banks are published in supplements to the *London Gazette*, which we presume is considered to be a newspaper within the meaning of the Act.

* These are inserted every year in the Banking Almanack.

The particulars required to be returned by the Act, and stated in the *Gazette*, are, the name of the firm or company; the name, residence, and occupation of the persons of whom the company or partnership consists; and the name of the place or places where the business is carried on.

The London banking establishments, according to the last return, consist of fifty-eight partnerships, each not having more than six partners; and of five public companies which are usually styled joint-stock banks. The former may be divided into three classes:—

- I. Those who are members of the Clearing-house.
- II. Those located east of Temple-bar, but are not members of the Clearing-house.
- III. Those located west of Temple-bar.

TABLE I.

A List of those London Banking Firms who attend the Clearing-house.

<i>Name of the Firm.</i>	<i>No. of Partners.</i>	<i>Residences.</i>
1. Barclay, Bevan, Tritton & Co.	5	Lombard-street.
2. Barnard, Dimsdale & Co.	2	50, Cornhill.
3. Barnett, Hoare & Co.	5	Lombard-street.
4. Bosauquet, Fruks & Whatman	3	73, Lombard-street.
5. Brown, Janson & Co.	6	London (Abchurch-lane).
6. Curries & Co.	4	29, Cornhill.
7. Degison, Heywood, Kennard & Co.	4	4, Lombard-street.
8. Fullers & Co.	3	65, Moorgate-street.
9. Glyn, Halifax, Mills & Co.	6	67, Lombard-street.
10. Hanburys, Taylor & Lloyd	5	60, Lombard-street.
11. Hankey & Co.	4	7, Fenchurch-street.
12. Jones, Loyd & Co.	5	Lothbury.
13. Lubbock, Forster & Co.	3	11, Mansion-House-street.
14. Martins, Stones & Martins	4	68, Lombard-street.
15. Masterman, Peters, Mildred, Masterman & Co.	6	{ 34 & 35, Nicholas-lane, Lombard-street.
16. Prescott, Grote, Cave & Co.	4	62, Threadneedle-street.
17. Price, Marryatt & Co.	2	King William-street.

<i>Name of the Firm.</i>	<i>No. of Partners.</i>	<i>Residences.</i>
18. Robarts, Curtis & Co.	4	15, Lombard-street.
19. Rogers, Olding & Co.	4	29, Clement's-lane.
20. Sapte, Muspratt, Banbury & Co. .	3	77, Lombard-street.
21. Smith, Payne & Smith	6	1, Lombard-street.
22. Spooner, Attwoods & Co.	2	27, Gracechurch-street.
23. Stevenson, Salt & Sons	3	20, Lombard-street.
24. Williams, Deacon & Co.	5	Birchin-lane.
25. Willis, Percival & Co.	6	76, Lombard-street.
Total	104	

TABLE II.

A List of those Banking Firms East of Temple Bar, who are not Members of the Clearing-house.

<i>Name of the Firm.</i>	<i>No. of Partners.</i>	<i>Residences.</i>
1. Abraham Bauer & Co.	1	71, King William-street.
2. William & John Biggerstaff	2	8, West Smithfield.
3. James Bult, Son & Co.	2	85 & 86, Cheapside.
4. Child & Co.	4	1, Fleet-street.
5. Roger Cunliffe	1	24, Bucklersbury.
6. Cunliffes, Brooks & Co.	2	Lombard-street.
7. Robert Davies & Co.	2	187, High-st. Shoreditch.
8. Dixon, Brooks & Dixon	3	25, Chancery-lane.
9. Drewett & Fowler	2	4, Princes-street.
10. John Feltham & Co.	2	42, Lombard-street.
11. Goslings & Sharpe	5	19, Fleet-street.
12. C. Hill & Sons	2	17, West Smithfield.
13. Messrs. Hoare	5	37, Fleet-street.
14. Hugh & John Johnson & Co. . . .	3	15, Bush-lane. •
15. Sir C. S. Kirkpatrick, Dalrymple, } MacGregor, Twigg & Co.	4	29, Gracechurch-street.
16. Pocklington & Lacy	2	60, West Smithfield.
17. Praed & Co.	4	189, Fleet-street.
18. Puget, Bainbridge & Co.	4	12, St. Paul's Churchyard.
19. John Shank	1	76, West Smithfield.
20. John & W. S. Stride	2	41, West Smithfield,
21. Thomas G. Tisdall	1	15, West Smithfield.
Total	54	

TABLE III.

A List of the Banking Firms West of Temple Bar.

<i>Name of the Firm.</i>	<i>No. of Partners.</i>	<i>Residences.</i>
1. Bouverie, Norman & Murdock	3	11, Haymarket.
2. Call, Marten & Co.	3	25, Old Bond-street.
3. Cocks, Biddulph & Co. . . .	5	43, Charing Cross.
4. Coutts & Co.	4	58 & 59, Strand.
5. Messrs. Drummond	5	Charing-Cross.
6. Hallett, Robinson & Co. . . .	4	14, Great George-street.
7. Herries, Farquhar & Co. . . .	4	16, St. James's-street.
8. Charles Hopkinson & Co. . . .	2	3, Regent-street.
9. Ransom & Co.	4	Pall Mall East.
10. Sir Samuel Scott & Co. . . .	3	Cavendish-square.
11. Strahan, Pauls & Bates . . .	4	217, Strand.
12. Richard Twining & Co. . . .	6	215, Strand.
Total	47	

The Clearing Banks are banks of deposit and of discount, and they act as agents to the country banks. The banks in Fleet-street and in Westminster do not usually discount bills for their customers, nor act as agents to country banks. Their connexions embrace chiefly the clergy, the gentry, and the nobility. Their loans to their customers are chiefly upon landed security, and they are supposed to hold a large amount of exchequer bills and other Government securities. None of the London bankers allow interest on deposits, or charge commission on town accounts. Those who act as agents to country banks charge a commission on the debit side of the account, and some of them allow interest on the daily balance. Instead of a *pro rata* commission, some country banks pay their agent by a fixed annual payment, or by keeping in his hands a certain balance without interest. None of the present London bankers have ever issued notes, though, until the year 1844, they had legally the power of doing so. Several of them issue "Circular Notes," for the use of travellers on the continent.

The following is a summary of part of the evidence delivered before the Bank Committee of 1832, by George Carr Glyn, Esq., respecting the London bankers :—

“ There are sixty-two private banks in the metropolis, none of which for the last fifty years have issued notes of their own, though it would seem that such of them as consist of fewer than six partners might lawfully circulate their own paper if they pleased. As they act entirely with the Bank of England paper, it is doubtful whether there be any limit to the number of partners of which London private banks may consist. They receive deposits, upon which they pay no interest. The system of allowing interest on deposits was formerly tried in London ; but the houses that attempted it invariably failed. The deposits held by the London bankers are generally composed of very large sums, which are necessarily payable on demand ; and hence they cannot be made use of to the same extent as those which are entrusted to country bankers, and which, whenever interest is allowed, are usually left with them for a stipulated period. On the other hand, in all ordinary transactions, the London banks charge no commission to their customers.

“ The London banks, in order to be able to meet their engagements, usually keep a large deposit, nearly equal, perhaps, to half of what they hold in reserve, in the Bank of England ; a portion of their current funds they necessarily hold at home in bank paper, and a small amount in gold. Their deposit in the bank they consider as so many notes in their drawer, liable to be called out by the daily fluctuations in the accounts of their customers. The balances in their hands, often very large, are frequently withdrawn without notice ; hence their intercourse is almost hourly with the Bank of England, from which they receive every

“ In order to turn their funds to profit, the London bankers employ as much money as they can amongst their customers. They invest a considerably larger proportion of their deposits in bills of exchange and promissory notes, than in public securities. The city banker is, however, under a disadvantage in this respect, which is not felt by the banker at the west end of the town. The latter may, to a certain extent, depend upon the use of the money deposited with him, as his accounts are usually those of country gentlemen, and individuals out of trade ; whereas the former, whose accounts are principally those of persons actively engaged in commercial or money operations, can hardly know three days beforehand what the amount of his deposits may be at any given period. The London bankers are obliged to employ their money occasionally at a very low rate of interest. In some cases, it may have been within the last twelve months, $2\frac{1}{2}$ per cent. ; but the average has

been from 3 to 3½, and it has fairly kept at that rate. The highest rate has been 4 for short bills, but 5 has been charged for bills of twelve or eighteen months."

We shall now describe the mode of conducting the clearing, or the way in which many of the London bankers make their exchanges with each other. These exchanges are made at the Clearing-house. At this house, which is situated in Lombard-street, in a part of the old Post-office, a clerk attends from each banking-house twice a day. First, he goes at eleven o'clock with those bills which he has upon other bankers. Each bill is received by the house through whom it is presented, and the cheques have the name of the house written across them. He drops the bills payable at each house in a separate drawer provided for the purpose, and he enters in his book, under separate accounts, those bills that may be dropped into his drawer. At about twelve he returns home. He goes again at three o'clock with a fresh quantity of bills and cheques, which he delivers in the several drawers as before. He then enters in his book those cheques that may have been delivered in his drawer. From three to four he receives further supplies of cheques brought to him from home by other clerks. These cheques he enters in his book, and they are then delivered in the proper drawers. As soon as the clock strikes four, no further cheques are taken. He then casts up each account, and strikes the balance. These balances are then transferred to the balance-sheet. The balance-sheet is a half sheet of paper, with a list of clearing bankers printed alphabetically in a row down the middle. On the left-hand side is a space for the debtors. On the right-hand side is a space for the creditors. The clerk begins with the house at the top of the list. If this house owes him money, he places the balance on the left side of the

name. If he owes money to this house, he places the amount on the right side. Thus he proceeds through the whole list.. He then goes to the clerk of each house, and calls the balance to him ; and if they both agree, they mark it with a pen. If they differ, they examine where the error lies, and make the accounts agree. He then casts up each side of the balance-sheet, and strikes the balance. If the total amount of debits exceeds the total amount of credits, he will have to receive the amount of the difference. If the credits exceed the debits, he will have to pay the difference.

If a banker does not choose to pay a bill or draft brought home from the Clearing-house, it is sent back, and dropped in the drawer of the house by whose clerk it was presented. On the bill or draft is stated the reason for its non-payment : this is usually, "no effects," or "no advice ;" sometimes, "not sufficient effects," or "refer to the accepter." If this draft was delivered, in the first instance, in the morning clearing, (that at twelve o'clock,) it is usually returned before four o'clock ; but, in all cases, it must be returned before five o'clock, or else it will not be taken back, and the banker is considered to have paid it. If returned after four o'clock, it is debited and credited on the back of the balance-sheet.

All this is usually done by five o'clock, when the clerks go home for a short time, for two purposes : one purpose is, to fetch the money they have to pay ; and the other is, to see if their balance on the sheet agrees with the balance of the books at home. At about a quarter or half-past five they return, and any clerk who has money to pay, pays it to any clerk who has money to receive. It is common, however, for three or four clerks to form a sort of club, and pay principally among themselves. Hence, when one member

of the club has money to pay, he will pay it to some member of the same club who has money to receive, in preference to paying it to any one else; by this means his friend obtains his money earlier than he otherwise might, and gets off sooner. It is obvious that all the money that is to be paid must be equal to all the money that is to be received. If this should not appear to be the case, there must be some error; and the Clearing-house is then said to be wrong. Two inspectors are appointed, with salaries, to detect errors of this kind by examining and marking off the sheets. Their signature is also necessary before any money can be paid from one clerk to another.

All the articles in the clearing are entered at home in a book called the Clearing-Book. On the left hand are entered the bills and drafts upon other bankers. These are called the "clearing-out." On the right hand are entered the drafts which are drawn upon the house, and which have *come in* from the clearing. These are called the "clearing-in." If the "clearing-out" is a greater sum than the "clearing-in," the clerks say, "the clearing brings in;" that is, the clearing clerk will bring in money from the Clearing-house. In the other case, they say, "the clearing takes out;" that is, he will take out money from the Banking-house to pay away at the Clearing-house. The balance of this book should agree with the clearer's balance-sheet, excepting the differences of the preceding night, which he may have settled. When this is the case, the clearer is right; if not, he is wrong, and he must discover the error. The clearer may be wrong through errors made either in his own book at the Clearing-house, or in the Clearing-Book at home. The error at home may be either in the "clearing-in" or in the "clearing-out." If the error be in the clearing-out,

it will make the Banking-house wrong ; if in the clearing-in, it will not. Suppose, for instance, the clearing-out is wrong cast 1,000*l.* too much, the house will be 1,000*l.* over, and the clearer will be 1,000*l.* short. But if the clearing-in be wrong cast 1,000*l.* too much, it will not affect the balance of the house, because the Cash-Book will, consequently, be 1,000*l.* less ; and these two amounts, those of the Cash-Book and the Paid-Day-Book, (into which the amount of the Clearing-In-Book is entered,) are placed on the same side of the trial paper. But this error will make the clearer wrong. The way in which the clearer discovers his errors is, by marking off his book against the Clearing-Book, and by recasting both the books. An error may have occurred at the Clearing-house. If the clearer has placed a wrong balance on his sheet, or has wrong cast his balance-sheet, the Clearing-house will be wrong, and the inspectors will make it their business to discover the error. But if the clearer has entered an article wrong in his book, and the clerk of the house upon whom the draft is drawn has entered it wrong also, then the Clearing-house will be right, and both these clearers will be wrong ; one being as much over as the other is short.

All the articles in the clearing-out must mark against either the Journals, the Received-Waste-Books, or the Lists. To secure greater accuracy, the clearing-in is entered not only in the regular Clearing-Book, but also in another book by itself, which for distinction is called the Clearing-In-Book. The amount of the clearing-in is entered in the Paid-Day-Book previous to the daily balance. On the following morning, the Clearing-In-Book is marked against the debit side of the Ledger, and the Ledger-Folio placed against each entry.

No gold, silver, or copper is taken to the Clearing-

house ; the differences under 5*l.* that may be left between the clerks who receive and pay with each other are carried to account on the following day.

Country notes are not paid at the Clearing-house, but are taken round to the banking-houses, and exchanged for tickets called memorandums, which are passed through the afternoon clearing. The following is the form of these memorandums :—

London, 1st May, 1827.

*Due to Messrs. Steady & Co.
One Thousand Pounds
for Country Notes, to be paid in the clearing of this day.*

*For Messrs. Hope, Rich & Co.
£1,000. A Clerk.*

Drafts that are paid into the Banking-house after four o'clock are taken to the houses upon whom they are drawn "to be marked;" that is, it is asked if these drafts will be paid in the clearing of the next day. If so, one of the clerks *marks* the cheque by placing his initials upon it. If the cheque is refused to be marked, it is returned as dishonoured, on the following day, to the person who has paid it in. Had it not been sent to be marked, the draft would not have been refused payment until the next day, and it could not be returned to the customer till the day afterwards.

The operations on the Stock Exchange cause a great number of cheques to be drawn on bankers, and thus increase the operations at the Clearing-house.

A person who wants to buy 100*l.* consols, gives his order to a broker, and pays him possibly by a cheque on

his banker, which the broker takes and pays to his own banker. He then buys the 100*l.* consols from a jobber, and pays him by a cheque. The jobber possibly replaces this stock by buying a 100*l.* consols from another broker who is ordered by his principal to sell that amount of stock. The jobber gives the broker his cheque upon his banker, and the broker probably will give his principal the produce of the stock by a cheque. No money has passed between the parties, and the result of the whole is, that the buyer of the stock has 90*l.* less in the hands of his banker, and the seller has 90*l.* more. Four cheques have been drawn, and these have caused transactions with five different bankers. The total number of credit and debit operations in all the banks is eight.

1. The banker of the buyer of the stock pays his cheque through the clearing, and debits his customer.
2. The banker of the broker who buys the stock credits him with the purchaser's cheque, and debits him for the cheque he gives to the jobber.
3. The banker of the jobber credits him for the cheque he has received from the buying broker, and debits him for the cheque he gives to the selling broker.
4. The banker of the broker who sells the stock credits him for the jobber's cheque, and debits him for the cheque he gives to his customer who is the seller.
5. The banker of the seller credits him for the cheque of the broker who has sold the stock, and will debit him for any cheques he may draw against it.

Should neither the buyer nor the seller of the stock keep a banker, then only three cheques would be drawn.

Besides these daily transactions arising out of real business, the brokers have large transactions in what are called "time bargains." This is what is usually meant by "gambling in the funds." The parties buy or sell

consols against the next settling day. No real purchase or sale is ever intended. When the settling day arrives, the losing party has to pay the difference that has arisen from the fluctuations in the price. A settlement takes place among the brokers in a way somewhat resembling the settling between the bankers at the Clearing-house. All the differences are paid by cheques. A broker may give twenty, thirty, or forty cheques to as many different brokers, and he may receive an equal number from other brokers. All these cheques are paid by the respective bankers through the Clearing-house. Besides settling days for consols there are also settling days for foreign funds, and for shares in railway companies. The differences in these cases are also settled by cheques upon the clearing bankers.

Mr. Thomas, inspector of the Clearing-house, stated to the Bullion Committee, in the year 1810, that the average amount of drafts paid every day at the Clearing-house was 4,700,000*l.*; and the average amount of the balance paid in bank notes was 220,000*l.* Sometimes the bank notes brought to the Clearing-house of an evening exceeded 500,000*l.*; and on settling days at the Stock Exchange the amount of drafts paid was above 14,000,000*l.* At that time, the Clearing-house had been established thirty-five years, and the number of clearing bankers was forty-six.

The following is a copy of a Clearing Balance-Sheet, and a List of the Bankers who clear. The name of the house to whom each sheet belongs is placed at the top, and is then, of course, omitted in the alphabetical list :—

DEBTORS.			CREDITORS.		
£	s.	d.	£	s.	d.
			Barclay		
			Barnard		
			Barnetts		
			Bosanquet		
			Brown		
			Curries		
			Fullers		
			Glyn		
			Hanbury		
			Hankey		
			Jones		
			Lubbock		
			Masterman		
			Prescott		
			Price		
			Robarts		
			Rogers		
			Smith		
			Spooner		
			Stevenson		
			Stone		
			Vere		
			Williams		
			Willis		

The following is the amount of transactions passed through the clearing by each banking-house, during the year 1840:—

£		£	
107,000,000	.	Barclay.	30,000,000
12,000,000	.	Barnard.	15,300,000
50,000,000	.	Barnetts.	80,880,600
3,500,000	.	Bosanquet.	9,000,000
7,000,000	.	Brown.	—
17,500,000	.	Curries.	16,000,000
26,800,000	.	Denison.	64,000,000
8,000,000	.	Dorrien.	37,000,000
7,500,000	.	Fullers.	10,400,000
105,300,000	.	Glyn.	—
24,000,000	.	Hanbury.	—
15,000,000	.	Hankey.	56,000,000
104,000,000	.	Jones.	20,500,000
24,200,000	.	Ladbroke.	974,580,000
33,700,000	.	Lubbock.	—
90,000,000	.	Masterman.	—

The following is an account of the aggregate demands made through the Clearing-house, and the amount of bank notes with which they were discharged, during the year 1839 :—

	Demands.	Bank Notes.
January	£82,762,400	— £6,348,500
February	76,164,700	— 4,960,200
March	75,879,200	— 5,621,500
April	85,839,200	— 5,836,000
May	80,587,600	— 5,615,000
June	67,413,900	— 5,060,000
July	83,865,200	— 6,284,800
August	87,610,500	— 6,164,900
September	74,237,700	— 5,129,800
October	87,478,200	— 5,706,800
November	81,729,200	— 4,793,100
December	70,833,800	— 4,755,000
	<hr/> £954,401,600	<hr/> £66,275,600

A kind of clearing takes place between the Bank of England and some of the London bankers.

Most of the London bankers keep a drawing account with the Bank of England. And when cheques or bills are presented to a banker for payment by the bank, he pays them by a cheque, which is passed to the debit of his account. It is also said that some bankers have an agreement with the bank that no cheque shall be posted to their debit until after three o'clock in the afternoon. Hence, if the bankers draw large cheques in the morning, they can provide for them in the course of the day. This so far resembles a clearing, that no notes pass in settling the daily transactions. But it is merely an arrangement between the Bank of England and each banker individually, and has no reference to any settlement of accounts among the bankers themselves. The following is the evidence on this subject given before the Committee of the House of Commons, by the Governor of the Bank of

England, in reply to questions put by Mr. Glyn, a London banker :—

“*Mr. Glyn.*—Do not the private banks clear with the Bank of England, by the use of cheques upon the Bank of England?—They have the option of doing so.

“That is a substitute for the notes which would be used, and that so far economises the bank notes?—Yes.

“Does not that observation also apply to joint-stock banks; do not they clear, through the medium of cheques, upon the Bank of England? Yes; but as far as regards clearing, it is a question between the joint-stock banks and the private bankers.

“But as far as regards the private banks and the Bank of England, the economy of bank notes between them is carried to the greatest possible extent, inasmuch as the private banks use cheques upon the Bank of England?—Yes.” *

The banks of Newcastle on Tyne adopted a somewhat similar, but a more extensive plan of clearing, through the means of the branch of the Bank of England. The plan was thus described in a letter addressed to me, about two years ago, in reply to my inquiries on the subject :—

“The banks here do not clear. They used to do so, and for that purpose had room at Messrs. Ridley’s bank; but, from some objection raised by Messrs. Lambtons, the system was discontinued.

“They have, however, adopted a plan of exchanges, which, from the facilities granted by the branch bank, answers nearly the same purpose as a clearing, without the expense. I must inform you that they all have drawing accounts with the branch bank, and the plan now adopted is as follows: viz.—

“At two o’clock every day, each bank pays in, to its credit with the branch bank, all bills and cheques on other banks received up to that hour. The amounts so paid in are passed to credit in totals, and the bills and cheques are then sorted into charges upon the respective

banks, and presented at their counters by the Bank of England, who receive in payment a cheque upon themselves. So that, in fact, each bank is credited in total with what it pays in, and debited with the cheque given for what it has to pay; thus obviating the necessity of any bank notes passing.

“This of course gives the branch bank some trouble, and they therefore strictly confine the facility to those banks issuing Bank of England paper; and as the Union Bank issues its own paper, it is consequently excluded, and is obliged to exchange separately with the other bankers.”

Several of the bankers at the West-end of London keep an account with a City bank. They do not, however, in all cases pass the whole of their transactions through the Clearing-house. They pay and receive with the clearing bankers individually, and sometimes leave their unpaid bills with their city agent. They occasionally pay into the City bank the cheques they may have on the Clearing bankers, and on the other bankers too.

The stock-brokers usually write across every cheque they draw, the name of the banker of the party in whose favour it is drawn; and if they do not know the name of the banker, they write “_____ & Co.” The banker on whom it is drawn will then pay it only in the clearing. If a broker writes a cheque to be paid in bank notes across the counter, he writes on it the word “cash;” such cheques are given only to persons who do not keep bankers.

Many persons now cross the cheques they draw with the name of a banker, to guard against fraud in case the cheques should be lost or stolen. The cheque can then only be paid to the banker whose name is on the cheque. If it be crossed with the names of two bankers it will be

refused payment to either, unless the matter be satisfactorily explained.

Clearing bankers never make payments to each other, except through the clearing.

The effects of the Clearing-house are thus described by Mr. McCulloch, in his *Commercial Dictionary* :—

“ By far the largest proportion both of the inland bills in circulation in the country, and also of the foreign bills drawn upon Great Britain, are made payable in London, the grand focus to which all the pecuniary transactions of the empire are ultimately brought to be adjusted. And in order still further to economise the use of money, the principal bankers of the metropolis are in the habit of sending a clerk each day to the Clearing-house in Lombard-street, who carries with him the various bills in the possession of his house, that are drawn upon other bankers ; and, having exchanged them for the bills in the possession of those others that are drawn upon his constituents, the balance on the one side or the other is paid in cash or Bank of England notes. By this contrivance the bankers of London are enabled to settle transactions to the extent of several millions a day, by the employment of not more, at an average, than 200,000*l.* to 300,000*l.* of cash or bank notes.

“ In consequence of these and other facilities afforded by the intervention of bankers for the settlement of pecuniary transactions, the money required to conduct the business of an extensive country is reduced to a trifle only, compared with what it would otherwise be. It is not, indeed, possible to form any very accurate estimate of the total saving that is thus effected ; but, supposing that fifty or sixty millions of gold and silver and bank notes are at present required, notwithstanding all the devices that have been resorted to for economising money for the circulation of Great Britain, it may, one should think, be fairly concluded, that two hundred millions would, at the very least, have been required to transact an equal amount of business, but for those devices. If this statement be nearly accurate, and there are good grounds for thinking that it is rather under than over-rated, it strikingly exhibits the vast importance of banking in a public point of view. By its means fifty or sixty millions are rendered capable of performing the same functions, and in an infinitely more commodious manner, that would otherwise have required four times that sum ; and, supposing that twenty or thirty millions are employed by the bankers as a capital in their establishments, no less than 120 or 130 millions will be altogether disengaged, or cease to be employed as an instrument of circulation, and made available for employment in agriculture, manufactures, and commerce.”

SECTION III.

THE JOINT-STOCK BANKS IN LONDON.

LONDON is the head-quarters of several joint-stock banks, who conduct their business operations in the provinces, in Ireland, or in the Colonies. But we purpose here to notice only those joint-stock banks who carry on business as London bankers. These are five:—The London and Westminster Bank; the London Joint-Stock Bank; the Union Bank of London; the Commercial Bank of London; the London and County Banking Company.

I.—The London and Westminster Bank.

I. Its History.—In the Act for renewing the Bank of England Charter, passed in 1833, it was declared to be the law, that companies or partnerships consisting of more than six persons might carry on the business of banking in London. Immediately after the passing of this Act, a prospectus was issued, proposing to form the London and Westminster Bank. The shares, however, were taken up but tardily, and the bank did not commence business until March 10th, 1834, and then only with a paid-up capital of 50,000*l.*, and of this capital a large portion is

said to have been subscribed by shareholders who resided in the country.

As the Bank Charter Act did not prescribe the way in which companies of more than six persons were to sue or be sued, the directors of the London and Westminster Bank brought a bill into Parliament, in the session of 1834, to authorize them to sue and be sued in the names of their public officers, in the same manner as those banking companies that were located beyond sixty-five miles from London. This bill was carried by large majorities through the House of Commons, although opposed by the influence of the Bank of England and by Lord Althorp, then Chancellor of the Exchequer. The bill, however, was lost in the Lords. In consequence of this failure, the bank followed the plan of suing and being sued through the medium of trustees.

Previous to the commencement of business, the directors applied to the Committee of Private Bankers for admission to the Clearing-house. This was refused. The directors also applied for permission to have a drawing account at the Bank of England. This, too, was refused.

Notwithstanding these difficulties, the bank continued to advance, and by the date of the First Annual Report, March 4th, 1835, the paid-up capital, increased by two calls of 5*l.* each upon the shareholders, amounted to 244,945*l.*

At the commencement of the year 1835, the Bank of England instituted legal proceedings to prevent the London and Westminster Bank accepting bills drawn at less than six months after date. Supported, however, by the legal opinions of Sir John Campbell, Sir William Follett, and Mr. Pemberton, the trustees continued to accept such bills, and resisted the proceedings of the Bank of England.

By the end of December, 1835, the number of shares issued had increased to 17,818. Soon afterwards the directors made a fourth call of 5*l.* per share, payable the following April. This made 20*l.* paid upon each share, and the whole paid-up capital exceeded 400,000*l.* The dividend on the year ending December, 1835, was at the rate of 4 per cent.

At the commencement of the year 1836, the bank extended its branches. In addition to the branch at Waterloo-place, Pall Mall, opened on the same day as the head office in Throgmorton-street, the bank opened, on the 4th of January, a branch at 213, High Holborn, and another at 87, Whitechapel; and on the 29th of February, another was opened in Wellington-street, Southwark. In the following June a branch was opened at 155, Oxford-street. In this year the bank obtained a larger accession of country business, in consequence chiefly of the formation of a great number of new joint-stock banks throughout the country. In this year, too, the directors issued 9,333 shares at a premium of 4*l.* 10*s.* per share, by which the sum of 41,998*l.* 10*s.* was realized as premiums. The total paid-up capital on December 31st, 1836, amounted to 597,225*l.*, on which a dividend was paid at the rate of 5 per cent.

In the beginning of the year 1827, the suit brought by the Bank of England was terminated, by the Master of the Rolls granting an injunction to restrain the London and Westminster Bank from accepting bills at less than six months after date. The country joint-stock banks then adopted the practice of drawing upon the London and Westminster Bank "without acceptance," in the same way as the Bank of Ireland draws upon the Bank of England. No practical difficulty was experienced, and the London and Westminster Bank lost none of its con-

nections in consequence of this adverse decision. At the end of the year the directors declared the usual dividend of 5 per cent.

On the 26th of December, 1838, the bank removed its business from No. 38, Throgmorton-street, to their new building in Lothbury. In the report delivered in March, 1839, the directors refer in the following terms to the then condition of the bank :—

“ The pleasure which the directors feel in making their Fifth Annual Report is augmented by the circumstance of its being delivered to the proprietors in their own building,—an event that seems to justify a glance at the past history of the bank.

“ When the directors consider, that during the five years of the existence of this establishment, they have had to contend against the fears and prejudices of the public mind,—the uncertainties and the intricacies of the law,—and the opposing influence of existing interests ;—and that this conflict has been carried on in seasons of great commercial embarrassment, and under circumstances of peculiar difficulty ;—and that, amid all these disadvantages, they have nevertheless acquired a paid-up capital of nearly six hundred thousand pounds, between eight and nine hundred respectable proprietors, a large and increasing business in London, and a country connexion that embraces one hundred and fifty banks and branches, they do feel that the result of the first experiment of establishing a joint-stock bank in London has been highly satisfactory, and that the confidence they expressed in their First Annual Report has been abundantly confirmed.”

The same report makes the following allusion to the other joint-stock banks established in London :—

“ It may be expected that some notice should be taken

in this report of the extension of the system of joint-stock banking in London. This will not, in the opinion of the directors, militate against our interest, as those principles, which we were the first to advocate, will be thus more widely disseminated. Hence all banking companies that may be respectably and honourably conducted will be regarded by this bank, not as rivals, but as allies. At the same time, the shareholders should bear in mind, that as joint-stock banks multiply in London, each bank will have to depend mainly upon the support of its own proprietary. And the London and Westminster Bank having been first in the field, ought not to suffer itself to be passed in the course by later and more youthful competitors. But if the exertions of our shareholders be at all proportionate to their numbers, their wealth, and their respectability, the London and Westminster Bank will not only have the honour of being the first joint-stock bank in London in the order of time, but in other respects also will be enabled to maintain the pre-eminence."

In March, 1840, the dividend was raised to 6 per cent. upon the profits of the preceding year; and this rate has since been constantly maintained. In 1841 the directors issued ten thousand of the unappropriated shares at par to the existing shareholders, in the proportion of one new share to the holder of three shares. This raised the number of shares issued to 40,000, and the paid-up capital to 800,000*l.* In February, 1842, the bank opened a drawing account with the Bank of England.

In the report delivered March, 1841, the directors observe:—"During the past year the banking institutions of the country have occupied a large portion of public attention. The directors trust that the events and discussions that have taken place will have the effect of diffusing a correct knowledge of the principles of joint-

stock banking, and that institutions like the London and Westminster Bank will be allowed to exercise the same legal rights and privileges which are accorded to other banking establishments." In the same year Mr. Gilbart, the general manager, was examined for four days before a Select Committee of the House of Commons, at the request of a meeting of deputies from the joint-stock banks. In the report of March, 1844, we read—"As the speech from the throne has called the attention of Parliament to 'the state of the law with regard to the privileges of the Bank of England and to other banking establishments,' the directors have co-operated with the representatives of other joint-stock banks in bringing under the consideration of the Government the defects of the laws relating to banking companies, which they feel confident the Legislature will not refuse to remedy." In this year the bank obtained the power to draw, accept, or endorse any bills of exchange not payable to bearer on demand; and immediately commenced accepting the bills drawn by its country connexions; and issuing circular letters of credit for the use of travellers and residents on the Continent. In the same year the bank obtained the power of suing and being sued in the names of its public officers, and accordingly registered the names of its trustees for that purpose.

In addition to the usual dividend of 6 per cent. the directors gave in March, 1847, a bonus of 2 per cent. out of the profits of the preceding year. At the same time they announced the distribution of the remaining ten thousand unappropriated shares at par among the existing shareholders, in the proportion of one new share to every four shares previously held. This raised the paid-up capital of the bank to ONE MILLION STERLING.

On the 31st of December, 1847, Messrs. Young and

Sons (formerly Messrs. Weston and Young), of Southwark, retired from business, and the customers of the bank according to the wishes of Mr. Young, transferred their accounts to the Southwark Branch of the London and Westminster Bank.

At the general meeting held on the 1st of March, 1848, the report announced that, with the exception of outstanding instalments amounting to 3,273*l.*, the paid-up capital of the bank was One Million sterling. A dividend at the usual rate of 6 per cent. was declared, and 4,223*l. 4s. 10d.* was added to the surplus fund.

The chairman stated that, in the week preceding the letter of the Government suspending the Act of 1844, the bank had sold Government securities to a large amount, which could not afterwards be replaced but at an advanced price. The loss thus occasioned amounted to nearly 20,000*l.* The following is the paragraph in the report referring to this subject :—

“ From the severe pressure on the money market during the latter part of the year, it was deemed advisable to realize some portion of our Government securities ; and although the profits of the year have, consequently, been curtailed, yet the directors feel assured that the liberality which they were thus enabled to exercise towards its customers will tend to the advantage of the bank. The whole of the stock that was sold has since been replaced.”

At this meeting the proprietors recommended to the directors that the general meetings should be held half-yearly, and that the first meeting should be held earlier in the year. The directors accordingly called a special meeting on the 19th of July, for the purpose of receiving a half-yearly report, and for making such alterations in the deed of settlement as would enable the proprietors to

meet on the third Wednesday in January, instead of the first Wednesday in March. The result of this resolution is, that the annual general meeting of the bank will in future be held, under the deed, on the third Wednesday in January, and a half-yearly meeting may be called specially by the directors either on the third Wednesday in July, or on any other day whenever it shall be deemed necessary or expedient.

From this half-yearly report it appeared, that from losses in the previous year, it had become necessary to take 5,161*l.* 3*s.* 1*d.* from the surplus fund to make up the half-yearly dividend. But in the second half-year the profits exceeded the dividend by 7,237*l.* 3*s.* 1*d.*, making on the whole of the year 1848 an addition to the surplus fund of 2,076*l.* 0*s.* 1*d.*, after paying the dividend of 6 per cent. on the increased paid-up capital of 1,000,000*l.*

II. Its Principles.—At the time the London and Westminster Bank was announced, it was contended by the advocates of the previous system that the principles of joint-stock banking were wholly inapplicable to the wants and habits of the population of London. Had the founders of this bank possessed zeal without discretion, they would probably have disregarded the peculiarities of the field of their operations, and have adopted entirely the system of banking so long acted upon in Scotland. They seem, however, to have combined the enlightened views of statesmen with the caution and practical knowledge of men of business. Hence, they followed or discarded the principles of Scotch banking according as they found them adapted, or otherwise, to the local circumstances of the London population. They seemed not so anxious to introduce a new system of banking as to guard against the imperfections of the one previously in existence. From the original prospectus and other documents issued

by the company, we learn that the following principles were those ultimately adopted.

1. That the bank should consist of an unlimited number of partners. This is essential to its character as a joint-stock bank. It was ascertained that within the previous twenty years about twenty private banking houses had stopped payment in London—that by most of these failures the public had sustained considerable losses, and that great difficulties and embarrassments had been occasioned by the interruption to business and the want of confidence which these failures had occasioned. A bank, composed of several hundred partners, all of whose property would be answerable for its obligations to the public, seemed the most effectual way of preventing the recurrence of these evils. To show the strength of the company and the extent of the confidence to which they are entitled, a list of the shareholders is published with the annual report of the directors.

Since the Act of 1844 these names have also been published at the commencement of each year in a Supplement to the *Royal Gazette*. The following is an analysis of those published in the year 1847:—Spinsters, 140; married women, 16; widows, 66; clergymen, 34; medical men, 13; naval and military officers, 45; solicitors, barristers, and writers to the signet, 9; men of title, 12; gentlemen and others, 731:—making a total of 1,066. These are resident as follows:—

In London, and within fifteen miles thereof	675
In other parts of England	320
In Scotland	42
In Ireland	11
In other countries	18
•	
	1,066

2. A second principle adopted was, that the bank should have a large paid-up capital.

It was observed that the London bankers did not carry on business with their own capital, but merely upon their credit: they were supposed to be men of property, and, in some cases, this supposition constituted the whole of their working capital. Hence, in some instances, London bankers had stopped payment who were perfectly solvent; but their property was not engaged in their business, and could not suddenly be realized to pay their debts. To obviate these inconveniences—to be prepared at all times for a withdrawal of its deposits—to be able to give adequate accommodation to its customers—and to support public confidence in seasons of extreme pressure, a large paid-up capital was deemed requisite. No idea seems to have been entertained of remaining satisfied with a small capital in order to pay larger dividends. The directors do not appear to have regarded themselves as mere agents, employed to obtain the most rapid return for a sum of money; but they acted as the founders of an establishment destined to take a high rank among the national institutions of the country. The capital of the bank was fixed at 5,000,000*l.* sterling, divided into 50,000 shares of 100*l.* each. All these shares are in the hands of the partners, and the paid-up capital of the bank is thus ,000,000*l.*, with a power in the directors of calling up an additional sum of 4,000,000*l.* sterling.

3. It was observed that the London private banks were adapted only for the rich. An indispensable condition of having an account was that a certain sum should be kept unproductive in the banker's hands. Thus the middle class of society who had the means of employing the whole of their capital in their respective occupations were altogether excluded from the advantages of banking.

To remedy this defect the London and Westminster Bank determined to open accounts with persons who had not the means of keeping large balances unemployed, but who were willing to pay the bank a small commission for conducting their accounts. The principle of commission is not practised in Scotland with regard to current accounts, as the banks look for payment chiefly by the issue of their notes. In this country the principle is adopted in the provinces, and even by the London bankers in regard to their country accounts. The application of this principle to London accounts was an improvement introduced by the London and Westminster bank, and it brought the advantages and conveniences of banking within the grasp of a large class of the community to whom they were previously denied. The expense of keeping a banking account was also reduced by the prohibition of presents or Christmas boxes to the clerks. Although the system of Christmas boxes is sanctioned by the Bank of England as well as by the private bankers, it is, we consider, a practice more honoured in the breach than in the observance. Whether these presents are regarded as taxes upon the customers, or as charitable donations to the clerks, they were deemed to be equally objectionable.

4. A further attempt was made to popularize the system of banking in London, by allowing interest upon small sums of money lodged on deposit receipts. All the witnesses examined before the Parliamentary Committees of 1826 had borne testimony as to the beneficial effects of this system in Scotland. And although the London and Westminster Bank, not being a bank of issue, could not regard these small deposits as an instrument of increasing its circulation of notes, yet it was thought that the system might be rendered a source of profit to the bank, and certainly an advantage to the community. The savings

banks could receive no more than 30*l.* from a depositor in each year, and only 150*l.* in the whole. Those parties who had further sums they wished to deposit in a place of security upon the principle of receiving interest on the sums thus lodged, were provided with such a place in the London and Westminster Bank. Sums from 10*l.* to 1,000*l.* are received on deposit, and interest allowed at a known rate, and they are at all times repayable upon demand without notice.

The London and Westminster Bank have not adopted the system of cash credits as practised in Scotland. These credits are valued by the Scotch banks chiefly as an instrument for the issue of their notes; and it may be questioned whether the system can be rendered a source of profit to a non-issuing bank without imposing heavy charges in the form of interest and commission upon the customers.

5. While, however, the founders of the bank were thus regardful of the industrious classes of the community, they were not inattentive to the interests of the wealthy. Professional men, merchants, and gentlemen of fortune have often large sums of money in their hands for a short time, waiting favourable seasons of investment. For these sums the private bankers would allow no interest. The London and Westminster Bank determined to take temporary or permanent lodgments of sums of 1,000*l.* and upwards, upon special agreement as to the rate of interest and time of repayment. The rate of interest is usually governed by the state of the money market, and the principal is repaid at a fixed time, or at a few days' notice, as may be agreed upon. Parties may lodge money upon an interest account who have no current account, and those who have current accounts may transfer any portion of their balance to an interest account; but the bank allows

no interest on the balance of a current account. It is considered that a large portion of the fluctuating balance of a current account must be kept in the till to meet the daily cheques drawn by the customers; that the remainder must be invested in the most available, and therefore the least productive securities; and that considerable expense is incurred by books, cheques, salaries, &c. in conducting these accounts;—and hence that the bank could not afford to grant any rate of interest which it would be worth while for the customers to receive. A person, therefore, may have two accounts—a current account and a deposit account. Upon one he receives interest—upon the other he receives none. The London and Westminster Bank think it better to keep these two accounts distinct than to adopt any system of amalgamation.

6. Another principle of the bank—not announced in the prospectus, but adverted to in some of the Annual Reports—is that of keeping a large portion of its funds at all times in a convertible state. In the Report of March 1839, the directors state—“Although a low rate of interest prevailed during the last year, the directors did not allow the desire of making large profits to tempt them into advances upon inferior securities, or to lock up their funds in inconvertible investments;—they feel assured, that any departure from sound principles in banking, even when attended with *immediate* profit, must always result in loss to the proprietors, and danger to the establishment.” Again, in the Report delivered in March 1844, we read—“Throughout the whole of last year money was exceedingly abundant, and, consequently, cheap. But although a low value of money affects most severely those banks that have the largest paid-up capital, and which have been so managed as to retain the full command of their funds, yet the directors did not suffer the desire of

obtaining a higher rate of interest to betray them into advances upon doubtful or inconvertible securities." In conformity with this principle we find, from the account of assets and liabilities attached to the Annual Reports of the directors, that the amount invested in Government securities is considerably more than the whole capital of the bank. The propriety of such a course must have been abundantly evident during the existence of the bank, for it would be impossible to find so many "pressures" on the market, or so much fluctuation in the value of money within any similar period in the history of banking. It may be presumed that the directors spoke from their own experience, when they stated in their Report of March 1840, "the years 1837 and 1838 were remarkable for the abundance and cheapness of money, and the year 1839 for scarcity and pressure. Neither of these extremes is favourable to large banking profits: a state in which money is easy without being abundant, and valuable without being scarce, is most conducive to the welfare of both the banking and the commercial interests of the country."

7. The last principle we shall mention as adopted by the London and Westminster Bank is the system of branches.

This system, to the extent to which it is now carried, does not seem to have been contemplated by the original founders of the bank. The first prospectus announced merely that a bank would be established in the City, with a branch at the West-end of the town. But a power to establish other branches was inserted in the deed of settlement, and it was soon observed that from the increasing extent and business of London, there were districts which were inadequately supplied with banking accommodation. In these districts the inhabitants were compelled either to forego all banking facilities, or to submit to the inconveni-

ence of keeping their account with a bank at a distance from their habitation. It was to meet the public wants, more, perhaps, than with any sanguine expectation of reaping any large amount of immediate profit, that the directors extended their branches. Peradventure, too, it was feared that unless the London and Westminster Bank occupied these districts, the inhabitants might be induced to form among themselves small joint-stock banks with inadequate capital, and thus have impaired the respectability of the system. In one instance this in fact actually occurred. The mode of conducting business is the same at the branches as at the City-office. A customer's cheque can be paid only at the branch on which it is drawn, but he may have money placed to his credit with that branch at any of the other establishments. Those country notes that are made payable at the London and Westminster Bank, are, as matter of courtesy, paid at any of the branches. Each branch makes both daily and weekly returns of its transactions, which are laid before the directors; and the affairs of all the branches are subjected to the personal inspection of the general manager: at the same time all the arrangements tend to localize the branches so as to give them as much as possible the character of independent banks. The managers are selected for their experience in banking, and they give immediate replies to the inquiries of both their customers and the public. They are ready to afford every facility to the parochial and other authorities, in conducting the financial arrangements of the districts. They allow the same rate of interest on deposits which is allowed at the City-office: and in making advances or discounts they are not restricted to the amount which their own funds can supply. Thus each district has, in a branch bank, all the advantages that could be derived from an independent local

bank, combined with the additional security and accommodation to be obtained from a more extended and wealthy establishment.

Most of the branches have, since their establishment, transferred their business to other premises.

The Westminster Branch was opened on the 10th of March, 1834, at No. 9, Waterloo-place, Pall Mall, and was removed to its present premises, No. 1, St. James's-square, on the 30th of December, 1844.

The Bloomsbury Branch was opened on the 4th of January 1836, at No. 213, High Holborn; and the adjoining house, No. 214, was added for transacting business with the public on the 1st of October, 1838.

The Southwark Branch was opened on the 29th of February, 1836, at No. 12, Wellington-street, in the Borough, and was removed to No. 3, in the same street, on the 26th of December, 1839.

The St. Marylebone Branch was opened on the 15th of June, 1836, at No. 155, Oxford-street, and was removed to No. 4, Stratford-place, Oxford-street, on the 23d of April, 1844.

Though the system of branches appears to be an extension of the original views of the directors, yet the principles on which the business is conducted have undergone no change. It is a proof of the consideration and practical knowledge brought to bear upon the subject, in the first instance, that no alteration or improvement has since been found necessary. The success of the company has been attributed more to the general approbation with which these views have been received than to any extended system of private solicitation. This, if correct, must be the more gratifying to the directors, as the prosperity of the bank is thus a public homage to the soundness of its principles.

III. *Its Government.*—The government of the bank is in a board of directors, consisting of not fewer than twelve members. Three go out annually by rotation, but are eligible for re-election. The present number is fifteen, but it can be increased at any time by a vote of the general meeting of proprietors. There is no governor, or deputy-governor, or permanent chairman. Five of the directors are trustees, and are also registered as the public officers of the company, in whose names, or any one of them, the bank may sue and be sued. The payment of the directors is fixed by the shareholders at their general meetings. This sum was voted annually until the year 1839. Up to that year inclusive the annual profits are stated in the reports before the payment to the directors is deducted. In subsequent years these payments are deducted first, and the profits are announced “after defraying the whole expense of management, including payment to directors.”

By the resolutions of the general meetings appended to the Annual Reports, it appears that the first payment to the directors was a sum of 2,500*l.*, voted at the general meeting in March, 1836, for the services rendered in the two preceding years. In subsequent years, the payment was 2,500*l.* annually, until March 1847, when the sum of 4,500*l.* was voted for the year 1846, and the same amount was to be continued in each future year.*

Mr. James William Gilbart has been the General Manager of the bank from its commencement. He was previously the manager of the Waterford Branch of the Provincial Bank of Ireland.

* The above article was prefixed to a volume of the Reports and other public documents printed (not published) in 1847, under the title of “A Record of the Proceedings of the First Thirteen Years of the London and Westminster Bank, with Portraits of its Principal Officers.”

A Table, showing the amount of Paid-up Capital, Annual Profits, Dividends, and Surplus Fund, of the LONDON AND WESTMINSTER BANK, on the 31st of December in each year, from the opening of the Bank.

Date.	Paid-up Capital.	Profits of the Year.*			Dividends.			Surplus Fund.		
	£	£	s.	d.	£	s.	d.	£	s.	d.
1834	182,255	3,540	6	6	2,334	18	1	1,205	8	5
1835	267,270	11,520	10	0	10,818	12	0	1,907	6	5
1836	597,255	32,483	14	1	29,864	0	0	4,527	0	6
1837	597,280	32,404	10	8	29,864	0	0	7,067	11	2
1838	597,280	43,635	12	11	29,864	0	0	20,839	4	1
1839	597,280	48,098	3	0	35,836	16	0	33,100	11	1
1840	597,280	48,951	8	10	35,836	16	0	46,215	3	11
1841	786,300	51,300	0	9	41,507	8	0	56,007	16	8
1842	800,000	55,118	14	2†	48,000	0	0	63,126	10	10
1843	800,000	51,696	5	7	48,000	0	0	66,822	16	5
1844	800,000	51,081	18	11	48,000	0	0	69,904	15	4
1845	800,000	66,344	1	0	48,000	0	0	88,248	16	4
1846	800,000	72,175	15	9	48,000	0	0	98,424	12	1
(Bonus)	...	...			16,000	0	0	...		
1847	988,882	58,223	4	10	54,000	0	0	100,647	16	11
1848	998,768	62,076	0	0	60,000	0	0	102,723	16	11
Totals	998,768	688,650	7	0	585,926	10	1	102,723	16	11

* These are the net profits after making all deductions, including the payment to directors, the income-tax, and 1,000*l.* towards the preliminary expenses.

† This amount includes a sum of 1,306*l.* arising from premiums on shares sold.

The Prospectus of the Bank, January 1, 1849 :—

LONDON AND WESTMINSTER BANK

Established 10th March, 1834,—under the Act of Parliament, 3 & 4 Will. IV. c. 98,—and Registered under the Act 7 & 8 Vict. c. 113.

DIRECTORS.

- | | |
|-----------------------------|-----------------------------|
| Henry Bosanquet, Esq. | Thomas Farncombe, Esq. Ald. |
| Henry Buckle, Esq. | Charles Gibbes, Esq. |
| Frederick Burmester, Esq. | William Haigh, Esq. |
| John Garratt Cattley, Esq. | George Hanson, Esq. |
| Thomas Chapman, Esq. F.R.S. | Henry Harvey, Esq. F.R.S. |
| James Denis De Vitre, Esq. | David Salomons, Esq. Ald. |
| Joseph Esdaile, Esq. | John Stewart, Esq. |
| Joshua Walker, Esq. | |

TRUSTEES AND REGISTERED PUBLIC OFFICERS.

Henry Bosanquet, Esq.	Joseph Esdailc, Esq.
Frederick Burnester, Esq.	Charles Gibbes, Esq.
Henry Harvey, Esq.	

GENERAL MANAGER.—James William Gilbart, Esq. F.R.S.

City Office.—Lothbury; W. T. Henderson, Manager.

Westminster Branch.—1, St. James's-square; Oliver Vile, Manager.

Bloomsbury Branch.—214, High Holborn; William Ewings, Manager.

Southwark Branch.—3, Wellington-street, Borough; Edward Kingsford, Manager.

Eastern Branch.—87, High-street, Whitechapel; W. D. Asperne, Manager.

St. Marylebone Branch.—4, Stratford-place, Oxford-street; George M. Mitchell, Manager.

The capital of the bank is 5,000,000*l.* sterling, in 50,000 shares of 100*l.* each. The sum of 20*l.* has been paid on each share, so that the paid-up capital is 1,000,000*l.* sterling. This presents the most perfect security to the public, and gives the bank the most ample means for affording to its customers every reasonable accommodation.

The bank has above eleven hundred partners, whose names are registered at the Stamp Office, and are printed with the Annual Report of the Directors. The advantage obtained by a joint-stock proprietary is, that those partners who are customers to the bank participate in the profits made by their own accounts.

Current accounts are received on the same principles as those observed by the London bankers. Every person connected with the establishment signs a declaration of secrecy as to the accounts of individuals. No Christmas boxes or other gratuities are allowed to be taken by the officers of the bank.

Parties who are desirous of having current accounts, without being under the necessity of keeping a balance, are charged a small commission, proportionate to the amount of their transactions. This extends the advantage of a banking account to parties having moderate incomes, or who in the course of their business find ample employment for their capital.

Sums from 10*l.* to 1,000*l.* are received on deposit, at a rate of interest to be fixed at the time, and they are repayable upon demand, without notice. For these sums receipts are granted, called deposit receipts. By allowing interest for small sums, the benefit of the deposit system, as practised in Scotland, is extended to all classes of the community.

Sums of 1,000*l.* and upwards are also received on deposit receipts, upon such terms as may be agreed upon, with regard to the rate of interest and the time of repayment. Trustees, and others who have money which they cannot immediately employ, may thus obtain an interest for

it until an opportunity occurs for its permanent investment. Parties may lodge money upon an interest account who have no current account, and those who have current accounts may transfer any portion of their balance to an interest account.

Circular notes and letters of credit are issued for the use of travellers and residents on the Continent and the United States. These notes are payable at every important place in Europe or of the United States, and thus enable a traveller to vary his route without inconvenience. No expense whatever is incurred, and when cashed no charge is made for commission. These notes may be obtained at the City Office in Lothbury, or at any of the branches.

The bank takes the agency of joint-stock banks, private bankers, and other parties residing at a distance. By the Act 7 & 8 Victoria, c. 32, this bank obtained the right of accepting bills drawn at a less period than six months after date, and by the Act 7 & 8 Victoria, c. 113, it acquired the privilege of suing and being sued in the name of any one of its registered public officers.

II.—*The London Joint-Stock Bank.*

The Joint-Stock Bank was formed in the year 1836. That year was one of great excitement in favour of the principle of joint-stock banking both in London and in the country. The shares of the new bank were readily taken by a very respectable proprietary, most of whom were resident in London. The bank had also from its commencement the advantage of an influential commercial directory. A new feature in London banking was announced. The bank agreed to allow interest at 2 per cent. on the minimum balance of a current account. At the end of each month interest was allowed on the lowest balance that had appeared to the party's credit at the close of any day during the month. Previous to the commencement of business, the bank engaged as manager Mr. George Pollard, who had for many years been the chief clerk in the private bank of Messrs. Williams, Deacon & Co.

The capital of the bank was fixed at 3,000,000/, divided into 60,000 shares of 50/- each.

The bank was opened on the 21st of November, 1836, at temporary offices in Coleman-street. The shares subscribed for, and upon which the deposit of 2*l.* per share had been paid, then exceeded 30,000. Soon afterwards the bank removed to their present premises in Prince's-street.

The first annual meeting of the proprietors was held on the 13th of December, 1837, at the bank premises in Prince's-street. The number of shares on which the 2*l.* deposit and the first call of 5*l.* per share had been paid was then 31,080, making a paid-up capital of 217,560*l.* Upon this capital a dividend was declared at the rate of 4 per cent. and 2,932*l.* 0*s.* 9*d.* carried to the credit of "the Guarantee Fund."

In the year 1838 the directors made a call of 3*l.* a share, payable the 21st of May, 1838, which increased the paid-up capital to 10*l.* a share. And in this year the dividend was raised to 5 per cent.

At the meeting in June, 1839, the directors stated that the deed of settlement required all the effects of the bank to be taken strictly at the market value of the day on which the accounts are made up. The half year's profits were consequently lower, from the exchequer bills held by the bank being valued at their then low price in the market.

It was resolved at this meeting that the time of balancing the books of the company be in future the 30th day of June and the 31st day of December in each year, instead of the 20th day of May and the 20th day of November; and that the half-yearly meetings of the company be in future held in the months of January and July.

At the general meeting held on the 11th of January, 1840, the directors announced their intention to issue

12,432 of the reserved shares, in the proportion of two to every five held by each shareholder. The shares were issued at 1*l.* premium, and these premiums were added to the guarantee fund. At the meeting on the 11th of July, 1840, the report stated that out of these 12,432 shares, 12,254 had been claimed, and the remaining 178 had been sold on account of the bank at a premium of 3*l.* each. The report further stated, that "the manager, Mr. Pollard, having claimed for his nominees the 1,000 shares at par to which they were entitled by his agreement when originally engaged, the same have been issued to them, which increases the number of paid-up shares entitled to participate in the present dividend to 32,080."

In the latter end of the year 1840, Messrs. Wright & Co., a very old banking house, having many connexions among the Roman Catholics, stopped payment. The London Joint-Stock Bank determined to open a branch at the West-end of London, and appointed two of Mr. Wright's partners to be their managers.

The directors made the following announcement of this event to the shareholders at the meeting held the 13th of January, 1841 :—

"Circumstances having occurred which appeared to present a favourable opportunity to establish another joint-stock bank in the western part of the metropolis, the directors resolved to open a branch of this bank in the premises recently occupied by Messrs. Wright & Co., No. 6, Henrietta-street, Covent-garden.

"Business was commenced at the branch in question, which is called 'The Western Branch of the London Joint-Stock Bank,' on Saturday the 5th ultimo, and the directors have every reason to expect that it will materially contribute to the prosperity of this establishment."

At the same meeting the directors announced their intention to issue the remainder of their shares :—

“ On reference to the statement of assets and liabilities, the proprietors will perceive that the number of shares has been increased, by the issue of reserved shares during the past year, to 44,512 ; and the directors are of opinion that the time has now arrived when it is expedient to complete the number originally contemplated, by the issue of the remainder, which they have accordingly resolved to do.

“ As the directors have learned, with much satisfaction, that the principle adopted on the former occasion was very generally approved of, they have decided, in the present instance, to follow the same plan, as nearly as possible, by issuing at a premium of 1*l.* each, one for every three shares held by the present proprietors, and by dividing the payment for the shares into four instalments of 2*l.* 10*s.* each, payable on the 15th of April, 31st of May, 29th of July, and 15th of September next. The premium to be received on the said shares will again be carried to the credit of the guarantee fund.

“ There will then remain to complete the number of 60,000 shares the small excess of 651, which will be disposed of by the directors to the best advantage for the benefit of the bank.”

At the meeting in July the directors stated that, having been unable to agree with the assignees of Messrs. Wright & Co. upon terms for the purchase of the premises in Henrietta-street, and the opportunity offering of obtaining the premises that had recently been occupied by Messrs. Hammersley & Co. (who had also failed) in Pall Mall, the directors determined upon removing the business of their Western Branch to the latter house. The house in Henrietta-street was taken by the Com-

mercial Bank of London, who then opened a Western Branch.

At the general meeting held on the 12th of January, 1842, the directors announced, that the instalments on the last issue of shares having been received, the paid-up capital was 589,700*l.*, and as they considered it desirable to complete the issue of the whole 60,000 shares, they intended to dispose of the remaining 1,030 to the public. These shares were afterwards sold at a premium of 3,025*l.* 12*s.* 6*d.*, which amount was added to the guarantee fund.

At this meeting the dividend was raised to 6 per cent., at which rate it has since remained.

At the July meeting in 1843, the directors announced that, in consequence of the abundance of money and the low rate of interest, the profits were only 12,183*l.* 17*s.* 5*d.*, and they had recourse to the guarantee fund for a sum equal to pay the usual half-yearly dividend, at the rate of 6 per cent. per annum—5,817*l.* 2*s.* 7*d.*

In January 1844, the directors took 1,529*l.* 3*s.* 4*d.* from the guarantee fund, to make up the amount of the usual dividend.

At the meeting held in July, 1844, the directors announced a change in their allowance of interest on current accounts. They had come to a resolution in February last, “that on and after the 1st of March, the interest allowed by the bank to customers on their minimum balance be one per cent., except on accounts the monthly minimum balance of which on the average of the half-year shall be under two hundred pounds.” 1,959*l.* 12*s.* 10*d.* was taken from the reserved fund to make up the half-yearly dividend.

In January 1847, the directors announced the following plan for the future regulation of the guarantee fund:—

" In meeting the shareholders at the usual period, the directors have satisfaction in laying before them accounts which show that during the last six months the bank has realized a net profit of 31,580*l.* 17*s.*

" The question how this profit ought to be appropriated has necessarily brought under the serious consideration of the directors the present state of the guarantee fund, and the amount to which it should attain in order to carry out fairly the design for which it was instituted. And the result of their deliberations has been a resolution that it will not be expedient that it should at present exceed 120,000*l.* except by the accumulation of its own interest, and such sums as may be too small to apply to a bonus. But that at the end of each year, in addition to the dividend of 6 per cent. the surplus profit should be divided among the shareholders, provided such surplus amount to 2*s.* per share in the capital of the company, otherwise that it should be added to the guarantee fund.

" In accordance with this decision, the board will have on this occasion the pleasure of paying to the shareholders a bonus of 2*s.* per share, in addition to the usual dividend, and the guarantee fund will then amount to 120,117*l.* 14*s.* 3*d.*"

In January 1848, the directors declared a bonus of 7*s.* 6*d.* a share, in addition to the usual dividend of 6 per cent.; after sustaining a loss of 6,000*l.* by the defalcation of one of their clerks on the establishment of the Western Branch.

In January 1849, the directors declared a bonus of 7*s.* a share, in addition to the usual dividend of 6 per cent.

A Statement of the Paid-up Capital, Profits, Dividend, and Surplus Fund, of the LONDON JOINT-STOCK BANK, on the 31st December in each year.

Date.	Paid-up Capital.	Profits of the Year.	Amount of Dividend.	Surplus Fund.
	£	£ s. d.	£ s. d.	£ s. d.
1837	217,560	11,634 8 9	8,702 8 0	2,932 0 9
1838	310,800	21,243 12 6	13,209 0 0	10,966 13 4
1839	310,800	27,068 6 10	17,285 11 3	20,749 8 10
1840	445,120	47,922 3 10*	19,148 0 0	49,523 12 8
1841	589,700	61,027 5 4†	28,819 0 0	81,731 18 0
1842	600,000	48,671 19 2‡	36,000 0 0	94,403 17 2
1843	600,000	31,420 16 6	36,000 0 0	89,824 13 8
1844	600,000	37,041 14 4	36,000 0 0	90,856 8 0
1845	600,000	41,440 14 6	36,000 0 0	96,297 2 6
1846	600,000	65,820 11 9	36,000 0 0 } 6,000 0 0 }	120,117 14 3
(Bonus)	...	...	36,000 0 0 }	
1847	600,000	62,131 7 4	22,500 0 0 }	123,759 1 7
(Bonus)	...	...	36,000 0 0 }	
1848	600,000	62,005 18 11§	21,000 0 0 }	128,765 0 6
(Bonus)	...	...
Totals	600,000	517,428 19 9	388,663 19 3	128,765 0 6

* This sum includes 12,778*l.* 8*s.* 9*d.* received from premiums on shares sold.

† " 14,466*l.* 0*s.* 0*d.* ditto ditto

‡ " 3,025*l.* 12*s.* 6*d.* ditto ditto

§ These annual amounts of profits include the sums applied as interest of the surplus fund.

Prospectus for 1849 :—

THE LONDON JOINT-STOCK BANK.

Head Office.—PRINCES-STREET, MANSION HOUSE.

Western Branch.—69, PALL MALL.

Capital, 3,000,000*l.* in 60,000 Shares of 50*l.* each.

The business of the bank is conducted on the following principles :

Accounts of parties, properly introduced, are received agreeably to the present custom of London bankers, with this advantage, that interest is allowed on current accounts kept at the Head Office.

Interest at the rate of 1*l.* per cent. per annum will be allowed on the smallest balance which may appear to the credit of each account, kept at the Head Office, at the close of any day during the preceding month : provided the monthly minimum balance, on the average of the half-year, shall not be under 200*l.*

Sums of money received on deposit, at such rate of interest, and for such periods, as may be agreed upon, reference being had to the state of

the money market; and, if required, bills or promissory notes, at not less than six months' date, will be delivered to depositors, in lieu of receipts, for sums of not less than 100*l.*

The agency of joint-stock, and other country and foreign banks, undertaken on such terms as may be agreed upon.

Investments in, and sales of, all descriptions of British and foreign securities, bullion, specie, &c. effected—dividends received—and every other description of banking business and money agency transacted.

The board of directors meets weekly, when a full statement of the affairs of the bank is laid before them.

Circular Letters of Credit granted on the Continent, and on the chief commercial towns of the world.

January 18th, 1849.

III.—*The Union Bank of London.*

The Union Bank of London was formed chiefly by gentlemen who were, by birth or otherwise, connected with Scotland. The capital was fixed at 3,000,000*l.* in 60,000 shares of 50*l.* each.

The bank adopted the principle of allowing 2 per cent. interest on the minimum balance of a current account:—“Parties keeping current or drawing accounts will be credited on the first day of every month, on the smallest balance at the credit of their account at the close of business on any day during the past month, provided that such balance shall not be less than 100*l.* The total amount of interest will be passed to account every six months.”

The bank was opened on the 4th of February, 1839, at No. 8, Moorgate-street; and a branch was opened on the 25th of March following, at temporary offices in Argyle-street, Regent-street, until a bank-house should be erected on the freehold ground which the directors had purchased for that purpose.

Previous to the opening of the bank the directors engaged, as general manager, Mr. William Wilson Scrimgeour, one of the principal officers in the discount department of the Bank of England.

The first meeting of shareholders was held on the 8th of July, 1840. The report stated that on the 30th June the paid-up capital was 210,025*l.*, being 5*l.* per share paid on 42,005 shares, held by 738 proprietors. A dividend was declared at the rate of 5 per cent.; and, after liquidating a portion of the preliminary expenses, 2,000*l.* was set apart as the foundation of a surplus or guarantee fund.

In the Second Annual Report, made to the general meeting of proprietors the 12th of July, 1841, the directors stated they had made an additional call of 5*l.* per share, which had been most promptly responded to by the proprietors; and the paid-up capital then amounted to 422,700*l.*

The report also stated that, a favourable opportunity having offered itself for opening a branch at Charing-cross, the directors availed themselves of it, by purchasing the premises No. 4, Pall Mall East, lately occupied by the Metropolitan Bank, which had withdrawn from business. Mr. Wight, the manager of the Metropolitan Bank, was appointed the manager of the branch.

At the general meeting held in July, 1844, the directors stated that, "the premises now occupied by the bank having become inadequate for the convenient transaction of its extended business, the directors had availed themselves of the opportunity of purchasing from the Great Western Railway Company, their extensive freehold premises in Princes-street, which will secure a permanent position for the bank in the most convenient situation in the city."

The directors state in their report of July 1847—

"The directors consider they are justified in increasing the rate of dividend, and they have therefore declared a dividend for the last six months of 3½ per cent., which, with 2½ per cent. paid in January, will make the dividend 6 per cent. clear of income-tax, for the whole year."

The report also states—

“The directors have considered the subject of the appropriation of the reserved shares, and have resolved that they shall be offered in the first instance to the shareholders only, in rateable proportion to the shares held by them, and on such terms as shall be equivalent to a liberal bonus. And the proprietors may rely on the directors giving ample notice of, and selecting such period for, this appropriation as shall be most desirable for the interests of the bank, and advantageous to the proprietors individually.”

In the report of July 1848, the directors again refer to this subject :—

“With respect to these shares, which were alluded to in the last annual report, it is almost superfluous to refer to the unprecedented mercantile crisis which has marked the eventful period since the last general meeting, as having rendered it inexpedient to appropriate them at a time when it might be inconvenient to many proprietors to avail themselves even of so advantageous an investment.”

Table of the Paid-up Capital, Annual Profits, Dividends, and Amount of Surplus Fund, of the UNION BANK OF LONDON, during each year ending the 30th of June.

Date.	Paid-up Capital.	Profits of the Year.			Amount of Dividend.			Surplus Fund.		
1840	210,025	12,501	5	0	10,501	5	0	2,000	0	0
1841	422,700	17,851	5	0	15,851	5	0	4,000	0	0
1842	422,900	23,145	0	0	21,145	0	0	6,000	0	0
1843	422,900	23,145	0	0	21,145	0	0	8,000	0	0
1844	422,900	24,613	16	1	21,145	0	0	11,468	16	1
1845	422,900	28,630	12	2	21,145	.0	0	18,954	8	3
1846	422,900	23,145	0	0	21,145	0	0	20,954	8	3
1847	422,900	42,070	5	5	25,374	0	0	37,650	13	8
1848	422,900	34,474	0	0	25,374	0	0	46,750	13	8
Totals	422,900	229,576	3	8	182,825	10	0	46,750	13	8

, IV.—*The Commercial Bank of London.*

This bank commenced at No. 3, Moorgate-street, Lothbury. Its shares were 1000*l.* each. The first manager was Mr. Sparkes, who had been a private banker at Exeter. The present manager, Mr. Alfred R. Cutbill, was sub-manager of the London and County Bank.

The first annual meeting was held on the 30th of June, 1841, when the paid-up capital amounted to 80,000*l.*, on which a dividend was paid at the rate of 4 per cent. per annum. The bank had opened a Western Branch in Henrietta-street, Covent-garden, in the premises formerly occupied by the private bank of Messrs. Wright & Co. who had become bankrupts.

At the annual meeting in 1842 the dividend was raised to 5 per cent.

In the year 1843 the dividend declared was 4 per cent. and in 1844 it was 5 per cent.

At a special meeting, held on the 3d of June, 1844, it was resolved to reduce the shares from 1000*l.* to 100*l.* each.

In July 1845, the directors met their proprietors for the first time in their new house, in Lothbury. The rate of interest was advanced to 6 per cent.

A Statement of the Paid-up Capital, Profits, Dividend, and Surplus Fund, of the COMMERCIAL BANK OF LONDON, on the 31st December in each year.

Date.	Paid-up Capital.	Profits of the Year.	Amount of Dividend.	Surplus Fund.
1841	£ 80,000	£ 3,619 19 5	£ 2,684 14 3	£ 935 5 2
1842	80,000	4,584 4 3	4,000 0 0	1,519 9 5
1843	80,000	3,249 0 0	3,200 0 0	1,568 9 5
1844	80,000	4,945 12 2	4,000 0 0	2,514 1 7
1845	100,000	6,981 16 8	4,987 6 9	4,508 11 6
1846	122,860	12,600 16 8	7,042 8 6	10,066 19 8
1847	128,280	12,382 13 2	7,624 7 2	14,825 5 8
1848	128,280	10,257 19 4	7,696 16 0	17,386 9 0
Totals	128,280	58,622 1 8	41,235 12 8	17,386 9 0

Present Prospectus :—

COMMERCIAL BANK OF LONDON,

LOTHBURY, AND 6, HENRIETTA-STREET, COVENT-GARDEN.

Capital, 2,000,000*l.* in 20,000 Shares, of 100*l.* each.

DIRECTORS.

John Taylor, Esq. *Chairman.*Thomas Barnewall, Esq. *Deputy Chairman.*

Charles Dickson Archibald, Esq. Jonathan Hopkinson, Esq.

William Beresford, Esq. M.P. Edward Oxenford, Esq.

William Sprott Boyd, Esq. John Savage, Esq.

John Alfred Chowne, Esq. Joseph Thompson, Esq.

William Cooper, Esq. Joseph Underwood, Esq.

James Alexander Douglas, Esq. Richard Walker, Esq. M.P.

Charles Hill, Esq. Thomas Winkworth, Esq.

MANAGER.—Mr. Alfred R. Cutbill.

SOLICITORS.—Messrs. Amory, Nelson, Travers, and Wynn ;
and Messrs. Norris and Sons.

Accounts of parties received and kept on the plan generally adopted by London bankers.

Parties having current accounts with this bank have the advantage of transferring any surplus balance to a deposit account bearing interest ; and sums of money are received on deposit from parties not keeping current accounts, at such rate of interest, and for such periods, as may be agreed upon.

The agency for country and foreign banks undertaken on such terms as may be agreed upon.

Purchases and sales of British and foreign securities, &c. collected, dividends received, and every description of banking business transacted.

V.—*The London and County Bank.*

* This bank was originally called the Surrey, Kent, and Sussex Bank, and it was intended that its head office should be fixed in Southwark. It afterwards assumed the above title, and took the premises formerly occupied by the private bank of Messrs. Lees, Brassey & Co., at No. 71, Lombard-street. From thence it removed to No. 21, Lombard-street, the premises formerly occupied by the private bank of Messrs. Esdaille & Co. It has forty-five branches all in the country.

The following Private Banks have been absorbed in the London and County Bank :—

1. Aylesbury	J. & T. Chapman.
2. Chatham	Jeffreys & Hill.
3. Cranbrook	Wilmhurst & Co.
4. Oxford	Davenport & Co.
5. Petersfield	Hector & Co.
6. Sandwich	Emmerson & Co.
7. Petworth	John Stoveld.

The branches at Abingdon, Arundel, Cambridge, Canterbury, Chichester, Romford, St. Alban's, and Stoney Stratford, were established in consequence of the failure of private banks in those places.

Present Prospectus :—

THE LONDON AND COUNTY JOINT-STOCK BANKING COMPANY.

Subscribed Capital 500,000*l.*, in Shares of 50*l.* each.—20*l.* paid.

Parent Establishment—21, LOMBARD-STREET.

DIRECTORS.

John Sadleir, Esq. M.P., *Chairman.*

John Griffith Frith, Esq., *Deputy Chairman.*

William Cory, Esq.

J. H. Lance, Esq.

James William Deacon, Esq.

Richard Springett, Esq.

J. A. Durham, Esq.

Clement Tabor, Esq.

Swynsen Jervis, Esq.

John Wheelton, Esq.

John Cuthbert Joyner, Esq.

James Rhodes, Esq. *Inspecting Dir.*

TRUSTEES.

Wm. Cory, Esq. James Wm. Deacon, Esq. Swynsen Jervis, Esq.

GENERAL MANAGER.—Henry Luard, Esq.

STANDING COUNSEL.

Sir John Jervis, M.P. Attorney General. Russell Gurney, Esq. Q.C.

SECRETARY.—R. P. Nichols, Esq.

SOLICITORS.—Messrs. Wilkinson and Gurney.

Branch Banks of the Company.

Abingdon and Wantage.	Brighton.
Arundel and Worthing.	Buckingham.
Ashford.	Cambridge.
Aylesbury and Thame.	Canterbury.
Banbury.	Chatham.
Bishop's Stortford and Saffron Walden.	Chelmsford.
Braintree.	Chichester.
	Coggeshall.

Cranbrook.	Maldon.
Croydon.	Oxford and Witney.
Dorking.	Petersfield.
Dover.	Petworth and Midhurst.
Gravesend.	Romford and Chipping Ongar.
Greenwich.	Rye.
Halstead.	Sandwich.
Hastings and Battle.	Seven Oaks. *
Hertford.	St. Alban's.
Horsham.	Stoney Stratford.
Huntingdon, St. Ives, and St. Neot's.	Tenterden.
Leighton Buzzard.	Tunbridge.
Lewes, Hailsham, and Newhaven.	Tunbridge Wells.
Luton, Dunstable, and Hitchin.	Woolwich.
Maidstone.	Wrotham.

"I look upon the principle of joint-stock companies as one of the great discoveries of modern times. I regard them, when made responsible to public opinion, as the ground on which all successful enterprise must be founded. I say further, that if there be any one description of business to which the principle of a joint stock company can be more applicable than another, it is, under due restrictions, the business of banking."*

The history of joint-stock banks is short—they sprang from necessity. The panic of 1825 provoked an inquiry into the banking system, and the result was the enactment of the 7th Geo. IV., the statute to which they owe their origin in this country.

Their success has been extraordinary. Established in Scotland, Ireland, and England, their shares command high premiums, in many cases exceeding 100 per cent. on the paid-up capital. Their stability and prosperity in Scotland, from the date of their original foundation up to the present hour, are notorious: it is beyond a question, that no principle of banking which has yet been subjected to the test of experience has afforded an equal extent of credit with equal security.

They have been tendered by the Legislature as a safe medium of commercial transactions; they have been accepted by the leading capitalists; and they have received the stamp of approbation and implicit confidence from the great mass of the population of the three kingdoms.

The primary advantage of joint-stock banks is their undoubted stability. They offer to individuals the opportunity of becoming their own bankers. As shareholders, they participate in the profits of their own accounts. If they require accommodation, a part of the consideration they pay for it returns to them; if they deposit, the amount is doubly

* Extract from the Speech of the Chancellor of the Exchequer, 1835.

fruitful : first, they receive from the bank interest on the sum deposited ; and secondly, they share in the profit which the bank itself makes by the use of their investment. In a word, private individuals, instead of giving the profit of their accounts to private bankers, by becoming shareholders in joint-stock banks, divide it amongst themselves.

As a short summary, it may be said, that joint-stock banks owe the public approbation bestowed on them, and the public confidence they enjoy, to the number and wealth of their proprietors—to the publicity of their transactions—to their actually subscribed capital—to the security which they offer for the fulfilment of their engagements—to the almost unlimited credit of a large and rich proprietary—to the power thence derived to afford to the public the greatest accommodation consistent with prudence—to the individual influence of each member of the company, whose exertions secure to it considerable business at the outset—and to their perfect freedom from a dread of the sudden and ruinous checks to which private banks, however solvent and honourable the partners, are liable in those panics which seem to occur periodically in great trading communities. These advantages are found to be obtainable from banking companies founded on the joint-stock principle, and from them alone.

The London and County Bank was established with the avowed object of introducing these advantages amongst the inhabitants of the surrounding districts of London, within sixty-five miles ; and whatever the difficulties of prejudice and opposition which the directors had to encounter, in the first instance, such has been the growing favour of the joint-stock system of banking, engendered by the inquiring spirit of the age, and confirmed by the disastrous results consequent upon the failure of private banks, that the London and County Banking Company can now triumphantly point to upwards of forty branches which have, one after the other, been raised into existence, and which, nurtured by the wants of their various localities, are steadily and progressively increasing in profit and importance.

The London and County Bank is protected from one of the most active causes of loss to a bank—panic ; by not being a bank of issue, it does not coin a circulation of its own ; it confines its payments to that which has ever merited public confidence, the coin of the realm, and the notes of the most powerful joint-stock bank in the world—the Bank of England.

The company at the parent bank and its branches open accounts with commercial houses and private individuals, either upon the plan usually adopted by the London bankers, or by charging a small commission to those persons to whom it may be more convenient to use the whole of their capital.

They allow interest at the rate of 1 per cent. per annum on the amount

of the monthly minimum balance exceeding 100*l.*, which is passed to the customer's credit at the expiration of the quarter.

They receive deposits at such rate of interest and for such periods as may be agreed upon, reference being had to the state of the money market.

They obtain letters of credit for all the principal cities and towns of foreign countries.

They receive dividends; army, navy, and civil pay; and pensions; proceeds of ecclesiastical property; and rents; effect transfers and sales of stock and shares; and transact financial business generally.

The following are the leading features in the deed of settlement on which the company has been constituted:—

1. The shares of the London and County Bank are 50*l.* each, and they are dispersed amongst upwards of 400 proprietors, mostly residing in the immediate localities of its branches.

2. As regards the liability of the shareholder, the deed of settlement contains a clause, which, while it leaves unimpaired that great principle of the law on which the stability of joint-stock banks is founded, and which secures to them "unlimited" public confidence, viz. the "unlimited" liability of each shareholder for the obligations of the company, at the same time efficiently protects him by providing, that if ever the losses of the company shall amount to one-third of the paid-up capital, a meeting shall be called to consider the propriety of dissolving it; and that if, in opposition to the views of any shareholder, it be determined notwithstanding the loss, to continue the company in existence, he may call on those shareholders who so resolve to purchase his shares, and thus release him from all future responsibility.

3. A proportion of the profits is reserved to form a permanent guarantee fund; and after a sufficient accumulation, the entire future profits will be divided among the shareholders.

4. A balance-sheet, clearly showing the state of the financial affairs of the company, will be open to the inspection of the shareholders seven days previous to each annual meeting.

5. Shareholders are entitled to one vote for five shares; to two votes for twenty shares; to three votes for fifty shares; and to five votes for one hundred shares and upwards.

By order of the Directors,

R. P. NICHOLS,

21, Lombard-street.

Secretary.

The total number of places at which business is carried on in London by joint-stock banks is fourteen—of which seven are to the east, and seven to the west of Temple-bar.

No. I.—*Analysis of the Returns made to the Commissioners of Stamps and Taxes by the Joint-stock Banks of London, in Jan. 1849.*

	London and West-minster Bank.	London Joint-stock Bank.	Union Bank of London.	Commercial Bank of London.	London and County Bank.	Total.
Parties resident in London and within 15 miles	761	624	373	110	99	1,967
Do. in other parts of England	361	177	109	53	263	963
Do. in Scotland	44	17	80	5	—	146
Do. in Ireland	14	1	1	1	—	18
Do. abr'd	19	9	7	10	—	45
	1,199	828	570	179	363	3,139

No. II.—*Abstract of the Affairs of the Joint-stock Banks in London, from their last Reports.*

Name of Bank.	Capital Subscribed.	Capital Paid-up.	Amount of Deposits.	Reserved Fund.	Amount of Shares.	Paid up per Share.	Dividend per Cent.
London and Westminster Bank	£ 5,000,000	£ 1,000,000	£ 3,089,659	£ 102,723	100	£ 20	6
London Joint-stock Bank	3,000,000	600,000	2,328,056	128,765	50	10	6 and 3½ Bonus.
Union Bank of London	3,000,000	422,900	2,644,728	46,750*	50	10	6
Commercial Bank of London	641,400	128,280	406,217	17,386	100	20	6
London and County Bank	500,000	199,800	1,354,730	27,550	50	20	6
	£12,141,400	2,350,980	9,823,390	323,174			

* This is the amount transferred from the Profit and Loss Account, without the accumulations. With these, it amounts to 50,000*l.*

Two joint-stock banks have been discontinued in London. 1. "The Metropolitan Bank," which was formed in 1839, and wound up in 1841. The manager, the premises, and the customers were transferred to the Union Bank of London, who then opened a branch at Charing-cross. 2. "The St. Marylebone Bank," opened in 1836, was wound up in 1841. The business of the bank was transferred to the St. Marylebone Branch of the London and Westminster Bank.

The joint-stock banks are not admitted into the Clearing-house. This exclusion puts them to some inconvenience, and to considerable expense. There are certain classes who cannot conveniently keep their account with a bank that does not clear. The banks have to keep a larger amount of money in their tills, and thus there is a loss of interest. They have to employ more clerks, to present their bills and cheques at the houses of the clearing bankers, and thus there is a greater expenditure in salaries. In lending money on the Stock Exchange they have to stipulate for payment in bank notes, and not by a clearing cheque. In selling stock they have to make the same agreement. In these cases they have sometimes to submit to less favourable terms, as it is not always convenient, and never agreeable, to the stock-brokers to supply bank notes in the middle of the day. Other inconveniences are also occasionally experienced.

The exclusion of the joint-stock banks inflicts also some inconvenience and loss on the clearing bankers. The joint-stock banks present all their bills and cheques at the counters of the respective clearing bankers three times a day, and receive payment in bank notes. On the other hand, each clearing banker presents his bills and notes at the same hours on the several joint-stock banks, at their respective counters, and receives payment in bank notes.

To meet the claims made upon them daily by the private banks, the joint-stock banks have to keep in their tills a larger amount of bank notes than they would keep were they members of the Clearing-house. And on the other hand, each clearing banker has also to keep a larger amount of bank notes to meet the claims made upon him at his counter, by the joint-stock banks. The customer of the private banker must also make provision the day before they fall due for any bills he may have made payable at his banker's. For should those bills be in the hands of the joint-stock bank who will present them early in the morning, and if provision is not previously made, the bills will be dishonoured. Stock-brokers, too, have sometimes sustained annoyance from this cause. They have sold stock for parties who keep their account with a joint-stock bank, and when their cheque has been presented for payment by the joint-stock bank, it has not been paid. The answer given has been that it must come through the clearing; and as the joint-stock bank could not pass it through the clearing, it has been returned dishonoured to the broker's customer. These inconveniences and annoyances to all parties will necessarily multiply as the business of the joint-stock banks shall increase.

The Clearing-house was established about seventy-five years ago, by some of the London bankers, for the purpose of facilitating their exchanges with each other. It was at first by no means generally approved, and some of the principal bankers refused to have recourse to it. After the number of clearing bankers had increased, a committee was formed for its government. This committee is composed of five or six of the leading bankers, and any new bank that desires to have the privilege of clearing, must now apply for permission to the committee.

The object the clearing bankers had in view was to

exchange bills and cheques against bills and cheques, and thus be enabled to carry on their business with a less amount of capital. But while the bankers endeavoured to promote their own interest, they promoted at the same time the interest of the public. The sums liberated from employment in this way became available for employment in agriculture, manufacture, and commerce. Whenever any banker, therefore, is excluded from the Clearing-house, and is consequently obliged to keep a larger amount of cash in his coffers, his available capital is so far reduced, and thus the agriculture, manufactures, and commerce of the country receive less encouragement.

The establishment of the Clearing-house has led to new arrangements in several branches of business. The stock-brokers, for instance, now settle all their receipts and payments by cheques, to be paid through the Clearing-house. The cheques a broker draws on his banker are paid at the Clearing-house by cheques of other brokers, which he lodges to his credit. The colonial brokers also, and other classes of commercial men, have fixed days for settling their accounts, and on these days draw cheques on their bankers in the morning, and pay in cheques to meet them at a subsequent part of the day. Thus the institution of the Clearing-house has become entwined with the commerce of the country, and could not be discontinued without deranging every branch of business. It has also received the sanction of the law of the land, the courts of law having decided that the presentment of a bill of exchange at the Clearing-house is a legal present-
ment. In this case, as in many others, the custom of bankers and merchants has become law. Many of our commercial laws have had the same origin. They have at first been mere regulations established by merchants for their own convenience; these regulations have been

adopted by other classes of the community; they have been followed for a number of years; and then the law has recognised them as a portion of the commercial institutions of the country. Such was the origin of allowing three days' grace upon bills of exchange, and such has been the case with the Clearing-house. The Clearing-house is no longer, therefore, a private subscription-room, from which the parties admitted may exclude whomsoever they please at their own caprice. They may exclude improper banking companies, as the Edinburgh banks refuse to exchange with any bank that is not respectable; but they are bound in justice to admit all respectable banks who may apply for admission.

" Another amendment which I would propose as connected with the currency of London, would be a regulation of the Clearing-house by the Legislature. Although the Clearing-house was a voluntary association of bankers at first, yet it has now existed for 60 years, and has become interwoven with several branches of London trade; it is therefore for all practical purposes a public institution, and, like a market or any other public institution, might become the subject of legislative interference. The exclusion of banks in London from the Clearing-house whose capital now amounts to about two millions sterling, and who have about 2,000 partners, is not only a great inconvenience and a great loss to those banks, but is a great inconvenience also to the public in general, and such an interference with the freedom of trade, as carried on by individual companies in London, as alone would justify the interference of the Legislature; and, besides, it is quite unreasonable that an association of omnibus proprietors should be indicted and tried for a conspiracy because they have tried to run a rival omnibus off the road, and yet that a body of bankers may conspire for a

similar object without any interference of the Legislature at all.”*

The following evidence was given by the Governor of the Bank of England, before the Committee on Commercial Distress, in answer to questions from Sir William Clay :—

“ It must be known to you, I suppose, that the joint-stock banks of London are excluded from the Clearing-house ?—Yes.

“ Are you of opinion that that exclusion (which of course it is perfectly within the right and discretion of private banks to insist upon, if they please) tends to public inconvenience, inasmuch as it lessens, *pro tanto*, that economy of the circulating medium which the Clearing-house is calculated to produce ?—Allowing joint-stock banks to clear with other bankers, I have no doubt would produce an economy in the use of bank notes.

“ And economy in the circulating medium ?—And economy in the circulating medium.

“ Have you any means of ascertaining the amount to which the admission to the Clearing-house of joint-stock banks would economise the amount of circulation now required for the use of London ?—I have not ; I have heard it stated at half a million, but I cannot say if that is correct.

“ I believe that the chairman of one large London joint-stock bank, viz. the London and Westminster, did state publicly that they were under the necessity of keeping a reserve of 150,000*l.* in bank notes, more than it would have been necessary for them to keep if they had been admitted to the Clearing-house ?—I know that he made some statement of that sort ; I cannot say what it was.

“ That must imply, not perhaps the necessity of a corresponding amount being kept by all private banks, but something approaching to it, inasmuch as all cheques on such banks held by joint-stock banks must be presented in the course of the morning at the banks, instead of being brought to the Clearing-house in the evening ?—Yes.

“ It is, therefore, not merely the amount of notes which the joint-stock banks are obliged to keep in reserve, but the amount of extra bank notes which the private bankers are obliged to keep in reserve ?—Yes.

“ There are, besides the London and Westminster, four other joint-stock banks in London ; I believe their capital, from the published

* Evidence of J. W. Gilbart before the Committee on Banks of Issue, March, 1841.

reports, amount to 2,645,000*l.* paid-up capital, and their deposits to 8,864,000*l.* together 11,509,000*l.*, of which these joint-stock banks have the control?—I cannot say whether those figures are correct or not.

“ But assuming that those figures are correct, and that it is also correct that one of these banks, viz. the London and Westminster, is compelled to keep 150,000*l.* more of notes in reserve, because they are not admitted to the Clearing-house, is it not probable that the sum you have mentioned of 500,000*l.* is not too large an estimate of the increased quantity of circulating medium, which is rendered necessary by the circumstance of these joint-stock banks not being admitted to the Clearing-house?—Assuming as a fact, that the London and Westminster Bank keep 150,000*l.* of notes more than they would otherwise keep in consequence of not being able to clear, probably, I should say, that that statement is correct.

“ But at all events, without assuming that these figures are exactly correct, is it not true, that that exclusion must, in reality, produce the necessity for a larger amount of circulating medium to supply the daily necessities of the public?—Yes.”

SECTION IV.

THE COUNTRY PRIVATE BANKS.

THESE banks cannot have more than six partners. They are banks of deposit, of loan, and of discount. As banks of deposit, they usually allow interest on both deposits and balances of current accounts, and charge a commission on the amount of the transactions. In commercial or manufacturing districts their advances are usually made by way of discount; in agricultural districts, frequently by loans. They remit money by issuing bills or letters of credit on London, or they direct their agents to make payments to bankers or other parties resident in London. As banks of circulation, they have at various times occupied a large portion of public attention, and have been the subject of much legislation.

- Those bankers who wish to issue notes must take out a license, which will cost 30*l.*, and must be renewed every year. They may re-issue any notes not above the value of 100*l.* as often as they think proper. And should any of the firm die or remove from the business, the notes may be issued by the remaining partners. But they cannot be re-issued by a new firm, which does not include any member belonging to the firm by whom the notes were first issued.

If the half of a note be lost or stolen, a banker cannot be compelled to give a new note in exchange for the remaining half. But if it can be proved that one half of a note is burnt, or otherwise destroyed, then the holder may perhaps recover the note from the banker.

In such cases, the bankers always pay the value of the note on receiving a respectable indemnity.

Bankers may be compelled to pay whole notes that have been lost or stolen, provided the holder has given actual value for them.

The stamp duty on country notes is as follows :—

	£	s.		£	s.	s.	d.
Notes not exceeding	1	1	...	...	...	0	5 each.
Exceeding	...	1	1 and not exceeding	2	2	0	10 ,,
Ditto	...	2	2	...	5	5	1 8 ,,
Ditto	...	5	5	...	10	0	1 9 ,,
Ditto	...	10	0	...	20	0	2 0 ,,
Ditto	...	20	0	...	30	0	3 0 ,,
Ditto	...	30	0	...	50	0	5 0 ,,
Ditto	...	50	0	...	100	0	8 6 ..

Country banks are allowed to compound for the stamp duties on their notes, at the rate of seven shillings per cent. per annum upon the amount in circulation, and to include, on the same terms, their bills drawn on London at twenty-one days after date. But whether a country banker compounds for the stamp duties or not, he must make a return to the Government of the amount of his notes in circulation every Saturday night. These returns are consolidated, and the result published in the *London Gazette*.

The following are the enactments respecting country bankers in the Act 7 & 8 Vict. c. 32, passed in 1844 :—

No new Bank of Issue.

" X. And be it enacted, That from and after the passing of this Act, no person other than a banker, who on the sixth day of May, one thousand eight hundred and forty-four, was lawfully issuing his own bank notes, shall make or issue bank notes in any part of the United Kingdom."

Restriction against Issue of Bank Notes.

“ XI. And be it enacted, That from and after the passing of this Act, it shall not be lawful for any banker to draw, accept, make, or issue, in England or Wales, any bill of exchange, or promissory note, or engagement for the payment of money payable to bearer on demand, or to borrow, owe, or take up, in England or Wales, any sums or sum of money on the bills or notes of such banker payable to bearer on demand, save and except that it shall be lawful for any banker who was on the sixth day of May, one thousand eight hundred and forty-four, carrying on the business of a banker in England or Wales, and was then lawfully issuing, in England or Wales, his own bank notes, under the authority of a license to that effect, to continue to issue such notes, to the extent and under the conditions hereinafter mentioned, but not further or otherwise; and the right of any company or partnership to continue to issue such notes shall not be in any manner prejudiced or affected by any change which may hereafter take place in the personal composition of such company or partnership, either by the transfer of any shares or share therein, or by the admission of any new partner or member thereto, or by the retirement of any present partner or member therefrom: Provided always, that it shall not be lawful for any company or partnership now consisting of only six or less than six persons to issue bank notes at any time after the number of partners therein shall exceed six in the whole.”

Bankers ceasing to issue Notes may not resume.

“ XII. And be it enacted, That if any banker in any part of the United Kingdom who after the passing of this Act shall be entitled to issue bank notes shall become bankrupt, or shall cease to carry on the business of a banker, or shall discontinue the issue of bank notes, either by agreement with the Governor and Company of the Bank of England or otherwise, it shall not be lawful for such banker at any time thereafter to issue any such notes.”

Existing Banks of Issue to continue under certain Limitations.

“ XIII. And be it enacted, That every banker claiming under this Act to continue to issue bank notes in England or Wales shall, within one month next after the passing of this Act, give notice in writing to the Commissioners of Stamps and Taxes, at their head office in London, of such claim, and of the place and name and firm at and under which such banker has issued such notes during the twelve weeks next preceding the twenty-seventh day of April last; and thereupon the said commissioners shall ascertain if such banker was on the sixth day of May, one thousand eight hundred and forty-four, carrying on the business of a banker, and lawfully issuing his own bank notes in England or Wales, and if it shall so appear, then the said commissioners shall proceed to

ascertain the average amount of the bank notes of such banker which were in circulation during the said period of twelve weeks preceding the twenty-seventh day of April last, according to the returns made by such banker in pursuance of the Act passed in the fourth and fifth years of the reign of her present Majesty, intituled 'An Act to make further Provision relative to the Returns to be made by Banks of the Amount of their Notes in circulation ;' and the said commissioners, or any two of them, shall certify under their hands to such banker *the said average amount*, when so ascertained as aforesaid ; and it shall be lawful for every such banker to continue to issue his own bank notes after the passing of this Act : Provided nevertheless, *that such banker shall not at any time after the tenth day of October, one thousand eight hundred and forty-four, have in circulation upon the average of a period of four weeks, to be ascertained as hereinafter mentioned, a greater amount of notes than the amount so certified.*

Provision for United Banks.

" XIV. Provided always, and be it enacted, That if it shall be made to appear to the Commissioners of Stamps and Taxes that any two or more banks have, by written contract or agreement (which contract or agreement shall be produced to the said commissioners), become united within the twelve weeks next preceding such twenty-seventh day of April as aforesaid, it shall be lawful for the said commissioners to ascertain the average amount of the notes of each such bank in the manner hereinbefore directed, and to certify the average amount of the notes of the two or more banks so united as the amount which the united bank shall thereafter be authorized to issue, subject to the regulations of this Act.

Duplicate Certificate to be published in the Gazette. Gazette to be Evidence.

" XV. And be it enacted, That the Commissioners of Stamps and Taxes shall, at the time of certifying to any banker such particulars as they are hereinbefore required to certify, also publish a duplicate of their certificate thereof in the next succeeding *London Gazette* in which the same may be conveniently inserted ; and the gazette in which such publication shall be made shall be exclusive evidence in all courts whatsoever of the amount of bank notes which the banker named in such certificate or duplicate is by law authorized to issue and to have in circulation as aforesaid.

In case Banks become united, Commissioners to certify the Amount of Bank Notes which each Bank was authorized to issue.

" XVI. And be it enacted, That in case it shall be made to appear to the Commissioners of Stamps and Taxes, at any time hereafter, that *any two or more banks, each such bank consisting of not more than six persons,*

have, by written contract or agreement (which contract or agreement shall be produced to the said commissioners), become united subsequently to the passing of this Act, it shall be lawful to the said commissioners, upon the application of such united bank, to certify, in manner hereinbefore mentioned, the aggregate of the amounts of bank notes which such separate banks were previously authorized to issue, and so from time to time; and every such certificate shall be published in manner hereinbefore directed; and from and after such publication the amount therein stated shall be and be deemed to be the limit of the amount of bank notes which such united bank may have in circulation: *Provided always, that it shall not be lawful for any such united bank to issue bank notes at any time after the number of partners therein shall exceed six in the whole.*

Penalty on Banks issuing in excess.

“ XVII. And be it enacted, That if the monthly average circulation of bank notes of any banker, taken in the manner hereinafter directed, shall at any time exceed the amount which such banker is authorized to issue and to have in circulation under the provisions of this Act, such banker shall in every such case forfeit a sum *equal to the amount* by which the average monthly circulation, taken as aforesaid, shall have exceeded the amount which such banker was authorized to issue and to have in circulation as aforesaid.

Issuing Banks to render Accounts.

“ XVIII. And be it enacted, That every banker in England and Wales who, after the tenth day of October, one thousand eight hundred and forty-four, shall issue bank notes shall on some one day in every week after the nineteenth day of October, one thousand eight hundred and forty-four (such day to be fixed by the Commissioners of Stamps and Taxes) transmit to the said commissioners an account of the amount of the bank notes of such banker in circulation on every day during the week ending on the next preceding Saturday, and also an account of the average amount of the bank notes of such banker in circulation during the same week; and on completing the first period of four weeks, and so on completing each successive period of four weeks, every such banker shall annex to such account the average amount of bank notes of such banker in circulation during the said four weeks, and also the amount of bank notes which such banker is authorized to issue under the provisions of this Act; and every such account shall be verified by the signature of such banker or his chief cashier, or, in the case of a company or partnership, by the signature of a managing director, or partner, or chief cashier of such company or partnership, and shall be made in the form to this Act annexed marked (B.); and so much of the said return as states the

weekly average amount of the notes of such bank shall be published by the said commissioners in the next succeeding *London Gazette* in which the same may be conveniently inserted; and if any such banker shall neglect or refuse to render any such account in the form and at the time required by this Act, or shall at any time render a false account, such banker shall forfeit the sum of *one hundred pounds* for every such offence.

Mode of ascertaining the average Amount of Bank Notes of each Banker in Circulation during the first Four Weeks after 10th October, 1844.

“ XIX. And be it enacted, That for the purpose of ascertaining the monthly average amount of bank notes of each banker in circulation, the aggregate of the amount of bank notes of each such banker in circulation on every day of business during the first complete period of four weeks next after the tenth day of October, one thousand eight hundred and forty-four, such period ending on a Saturday, shall be divided by the number of days of business in such four weeks, and the average so ascertained shall be deemed to be the average of bank notes of each such banker in circulation during such period of four weeks, and so in each successive period of four weeks, and such average is not to exceed the amount certified by the Commissioners of Stamps and Taxes as aforesaid.”

Bankers to take out a separate License for every Place at which they issue Notes or Bills. Proviso in favour of Bankers who had Four such Licenses in force on the 6th of May, 1844.

“ XXII. And be it enacted, That every banker who shall be liable by law to take out a license from the Commissioners of Stamps and Taxes to authorize the issuing of notes or bills shall take out a *separate and distinct license for every town or place at which he shall, by himself or his agent, issue any notes or bills requiring such license to authorize the issuing thereof*, anything in any former Act contained to the contrary thereof notwithstanding: Provided always, that no banker who on or before the sixth day of May, one thousand eight hundred and forty-four, had taken out four such licenses, which on the said last-mentioned day were respectively in force, for the issuing of any such notes or bills at more than four separate towns or places, shall at any time hereafter be required to take out or to have in force at one and the same time more than four such licenses to authorize the issuing of such notes or bills at all or any of the same towns or places specified in such licenses in force on the said sixth day of May, one thousand eight hundred and forty-four, and at which towns or places respectively such bankers had on or before the said last-mentioned day issued such notes or bills in pursuance of such licenses or any of them respectively.”

It will be seen from these extracts that the provisions of the Act require—

1. That no new bank of issue be established in the United Kingdom.
2. That the *maximum* of each bank of issue in England shall be the *average* of the notes in circulation during the four weeks ending the 27th of April, 1844.
3. That if any bank having not more than six partners should exceed that number, it would lose its issue. This tends to prevent private banks merging into joint-stock banks.
4. That no union can take place between a joint-stock bank and a private bank, or between two joint-stock banks of issue, without one of them at least losing its circulation.
5. Every new branch at which notes shall be issued must take out a separate license. Hitherto no bank had been obliged to take out more than four licenses, however numerous its branches. This tends to check the opening of new branches of issue.

It has been stated that the object of this Act was to pave the way for the establishment of one bank of issue. These provisions are certainly not ill adapted for such an end. They will reduce the amount of the country circulation. They will produce other ill effects. The formation of large banks will be retarded. In some places it would be for the public advantage that a private bank should become a joint-stock bank. In other districts, it might be desirable that two small joint-stock banks of issue should unite and form a large one. The restrictions imposed by this Act will tend to prevent such unions. • Perhaps in other respects its effects may be beneficial. It may lead a larger number of persons to keep current accounts with bankers, and to make their

payments with cheques. A smaller amount of notes will then be necessary for the purposes of the country. The advantages of having a banker will be extended to the middle and lower classes, and will not as much as heretofore be confined to the wealthy. The Act, too, may have the effect of exempting the banks of issue from those accusations to which they have always been subjected on the occurrence of any national calamity. The whole Act of 1844 is formed upon the notion that the country bankers can extend their issues as much as they please—"a vulgar error," that has over and over again been abundantly refuted. Yet, had the Act not been passed, and had the country circulation increased a million or two, as possibly it might, from the increased transactions of the country, the railway speculations of 1845 and 1846 would doubtless have been ascribed to the excessive issues of the country banks. The following language, which I addressed in 1844 to the joint-stock banks, may not be considered inapplicable to all banks of issue :—

" Another advantage is, that the joint-stock banks of issue will be delivered from those unjust accusations to which they have hitherto been exposed. Almost every evil that has befallen the country for the last ten years has been ascribed by different writers to the reckless issues of the joint-stock banks; and though the charge has been oft refuted, yet such has been the talent, zeal, and perseverance with which it has been revived, that it has doubtless in some degree prejudiced the public mind. But now this charge can be made no more. Our assailants are compelled to observe at least a ten years' truce. During this period we shall have no bank directors publishing pamphlets to show that their efforts to regulate the exchanges have been counteracted by the imprudent issues of the joint-stock banks. Our notes will not again

be classed by the authors of ‘prize essays’ among the causes of national distress, and philosophical writers will no longer declaim, in eloquent metaphor, against ‘the wild democracy of rival issuers.’ It is no small matter to be put into a position wherein we shall be sheltered from the peltings of unjust accusations.”*.

Some banks had ceased to issue their notes before the passing of the Act, by virtue of agreements with the Bank of England. The twenty-third section of the Act contains a special provision with reference to these banks.

Compensation to certain Bankers named in the Schedule.

“ XXIII. And whereas the several bankers named in the schedule hereto annexed marked (C.) have ceased to issue their own bank notes under certain agreements with the Governor and Company of the Bank of England ; and it is expedient that such agreements should cease and determine on the thirty-first day of December next, and that such bankers should receive by way of compensation such composition as hereafter mentioned ; and a list of such bankers, and a statement of the maximum sums in respect of which each such banker is to receive compensation, hath been delivered to the Commissioners of Stamps and Taxes, signed by the chief cashier of the Bank of England ; be it therefore enacted, That the several agreements subsisting between the said governor and company and the several bankers mentioned in the schedule hereto relating to the issue of Bank of England notes shall cease and determine on the thirty-first day of December next ; and from and after that day the said governor and company shall pay and allow to the several bankers named in the schedule hereto marked (C.), so long as such bankers shall be willing to receive the same, a composition at and after the rate of one pound per centum per annum on the average amount of the Bank of England notes issued by such bankers respectively and actually remaining in circulation, to be ascertained as follows ; (that is to say,) on some day in the month of April, one thousand eight hundred and forty-five, to be determined by the said governor and company, an account shall be taken of the Bank of England notes delivered to such bankers respectively by the said governor and company within three months next preceding, and of such of the said Bank of England notes as shall have been returned to the Bank of England, and the balance shall be deemed to be the amount of the Bank of England notes issued by such bankers respectively and kept in circulation ; and a similar account shall be taken at intervals of

* Letters of Nehemiah, p. 11.

three calendar months; and the average of the balances ascertained on taking four such accounts shall be deemed to be the average amount of Bank of England notes issued by such bankers respectively and kept in circulation during the year one thousand eight hundred and forty-five, and on which amount such bankers are respectively to receive the aforesaid composition of one per centum for the year one thousand eight hundred and forty-five; and similar accounts shall be taken in each succeeding year; but in each year such accounts shall be taken in different months from those in which the accounts of the last preceding year were taken, and on different days of the month, such months and days to be determined by the said governor and company; and the amount of the composition payable as aforesaid shall be paid by the said governor and company out of their own funds; and in case any difference shall arise between any of such bankers and the Governor and Company of the Bank of England in respect of the composition payable as aforesaid, the same shall be determined by the Chancellor of the Exchequer for the time being, or by some person to be named by him, and the decision of the Chancellor of the Exchequer, or his nominee, shall be final and conclusive: Provided always, that it shall be lawful for any banker named in the schedule hereto annexed marked (C.) to discontinue the receipt of such composition as aforesaid, but no such banker shall by such discontinuance as aforesaid thereby require any right or title to issue bank notes."

The following are the Banks named in the schedule:—

Bank of Liverpool	Liverpool.
J. Barned & Co.	ditto.
Biddulph, Brothers & Co.	Pembroke.
Birmingham Banking Company	Birmingham.
Birmingham Town & District Bank	ditto.
Birmingham & Midland Banking Company .	ditto.
Burgess & Son	Ramsgate.
Coopers & Purton	Bridgnorth.
Cunliffes, Brookes & Co.	Blackburn.
Deane, Littlehales & Deane	Winchester.
Dendy, Comper & Co.	Chichester.
Devon & Cornwall Banking Company . .	Plymouth.
Grants & Gillman	Gosport.
Hampshire Banking Company	Southampton.
James W. R. Hall	Ross.
J. M. Head & Co.	Carlisle.
Henty, Upperton & Olliver	Arundel.
Thomas Kinnersly & Sons	Newcastle-under-Lyme.
R. J. Lambton & Co.	Newcastle-on-Tyne.
Liverpool Commercial Banking Company. .	Liverpool.

Liverpool Union Bank	Liverpool.
Liverpool Borough Bank	ditto.
Manchester & Liverpool District Banking Comp.	Manchester.
Manchester & Salford Banking Company . . .	ditto."
Monmouth & Glamorgan Banking Company . . .	Newport.
Moss & Company	Liverpool.
Mangles, Brothers	Guildford.
Newcastle Commercial Banking Company . . .	Newcastle-on-Tyne.
Newcastle-on-Tyne Joint-Stock Banking Comp.	ditto.
North of England Joint-Stock Banking Comp.	ditto.
Northumberland & Durham District Bank . .	ditto.
Portsmouth & South Hants Bank Company . .	Portsmouth.
T. & R. Raikes & Co.	Hull.
Robinson & Broadhurst	Mansfield.
Sheffield Union Bank	Sheffield.
John Stoveld	
Sunderland Joint-Stock Banking Company . .	Sunderland.
Tugwell & Co.	Bath.
Union Bank of Manchester	Manchester.
Vivian, Kitson & Co.	Torquay.
Watts, Whiteway & Co.	Newton.
J. & J. C. Wright & Co.	Nottingham.
Webb, Holbrook & Spencer	Ledbury.

The following account of the state of the fixed issue under this Act is taken from the "Banking Almanack" for 1849, page 37 :—

At Oct ^r . 1848.	
Fixed issue of the Private Banks (England and Wales) by	
the Act of 1844	£5,153,407
Deduct 21 Private Banks, since ceased to issue	330,919
Amount of Private Banks' issue	£4,822,488
Fixed issue of Joint-stock Banks, by same Act	£3,495,446
Deduct 6 Joint-stock Banks, since ceased to issue	85,459
Amount of Joint-stock Banks' issue	£3,409,987
Fixed Issue of Private and Joint-stock Banks . . .	<u>£8,232,475</u>

PRESENT STATE OF THE FIXED ISSUES.

1. Fixed issue in England and Wales	£8,232,475
2. " " Bank of England	14,000,000
3. " " Banks in Scotland	3,087,200
4. " " Banks in Ireland	6,354,494

Fixed issue in the United Kingdom, at 7th October, 1848 £31,674,178

having ceased to issue their own Notes:—

Date of last Return.	Names.	No. of Banks.	Amount.
Prior to the 12th October, 1844, when the Act came into opera- tion.	1. Bristol Old Bank.—Baillie, Ames & Co. 2. Bishop, Waltham, Hampshire.—Gunner & Co. 3. Cambridge Bank.—Fisher & Sons 4. Ditto. Humphrey & Son 5. Marzate Bank.—Cobb & Co. 6. Oxford University and City Bank.—Sir John Locke & Co. 7. Staines Bank.—Thus, Ashley & Co. 8. Wrexham and North Wales Bank.—R. M. Loyd 1. Western District Joint-Stock Banking Company 9. Whitby Bank.—Frankland & Wilkinson 2. Suffolk Joint Stock Banking Company 10. Dover Union Bank.—Lathan & Co. 3. Stockton & Durham County Joint-Stock Bank 11. Ramsey & Hampshire Bank.—Wm. Foottner & Sons 4. Leeds & West Riding Joint-Stock Banking Company 5. Leeds Commercial Joint-Stock Bank 12. Abingdon & Wantage.—Henry Knapp 13. Penzance Union Bank.—Richerts, Enthoven & Co. 14. Leek & Congleton.—Fowler, Gault & Co. 15. Salisbury & Fordingbridge Bank.—Brodie & Co. 16. Shaftesbury & Hendon Bank.—Brodie & King 17. Shrewsbury & Market Drayton.—Adams & Warren 18. Honiton Bank.—Flood & Lott 19. Bridport Bank.—Gundry & Co. 20. St. Albans & Herts Bank.—Gibson & Sturt 21. Grantham Bank.—Kewney & King 22. Sheffield & Retford Bank. Total Reduction in the Circulation, under Act 7 and 8 Vict. c. 32, to Oct. 7, 1848. 21 Private Banking Firms, having 34 Banks £330,919 6 Joint-Stock Banking Companies, having 18 Banks 85,459 £416,378		
April 12, 1845	Bank of England Notes	1	£89,540
Sept. 13, '45	Ditto	1	1,993
April 11, 1846	Ditto	1	7,753
July 4,	Closed, 1845	1	7,615
Oct. 10,	Bank of England Notes	1	9,996
Dec. 5,	Ditto	1	15,705
May 20, 1847	Ditto	1	9,244
Oct. 9,	Ditto	1	4,464
"	Dissolved.....	5	18,125
			£160,435
	York City and County	1	2,076
	Dissolved.....	6	7,449
	Bankrupts	1	9,577
	Dissolved.....	2	8,290
	Bank of England Notes	1	3,875
	Dissolved.....	2	18,937
	Ditto	1	13,914
	Bankrupt.....	2	29,316
		4	31,461
	Bank of England Notes	2	4,009
	Bankrupts	2	23,335
	Closed	2	9,813
	Bankrupts	2	9,700
	Ditto	1	19,015
	Ditto	5	24,698
	Closed	1	2,333
		2	19,401
	Closed	2	18,744
			£416,378

NUMBER OF BANKS OF ISSUE IN THE UNITED
KINGDOM.

At Oct. 7, 1848.

1	Bank of England in England and Wales, having	14	Banks.
184	Private Banking Firms in England and Wales, having	375	"
66	Joint-stock Banking Companies in England and Wales, having	407	"
251	Firms and Companies in England and Wales, having	796	Banks.
18	Joint-stock Banking Companies in Scotland, having	403	"
8	" " " in Ireland, having	155	"
<u>277</u>	Firms and Companies in the United Kingdom, having	<u>1354</u>	Banks.

All banks of issue are still excluded from receiving accommodation, by discount or otherwise, from the Bank of England. There seems, however, to be a difference of opinion among the directors as to the propriety of continuing this exclusion. Mr. Morris thinks that under the Act of 1844, the rule may be relaxed :—

"Do you not refuse discounts to all banks of issue?—We have always refused discount accounts to banks issuing their own notes.

"Upon what ground?—The ground upon which I understand it has been refused is, that, previous to the Act of 1844, the bank made arrangements with certain joint-stock banks, to induce them to adopt the Bank of England circulation; and after the Act of 1844 had been passed, it was thought that it would be hard not to continue the same facilities to those banks which they had obtained from the bank before the passing of the Act; that arrangement having been made for our mutual convenience."

" It is, however, a complaint, that you have a stringent rule, by which you refused discounts or accommodation to all banks of issue?—I have no objection to state, speaking individually, that now that the Act of 1844 has been passed, I do not see any reason why they should not be placed on the same footing as the others; but the reason the court has not acceded to that, is in consequence of those parties having worked with us at a period when it was useful to us that they should do so."*

But Mr. Cotton entertains different sentiments:—

"Can you inform the committee of the reasons why the Bank of England refuses accommodation to parties who issue notes?—There are,

* Commons, 2996 to 3000.

in my opinion, good reasons for that; those reasons appear in the following paper, which I have drawn up: 'Issuing banks, were the right of discounting conceded to them, would keep an insufficient reserve of their own notes, of Bank of England notes, or coin, perhaps none, relying on discounting with the bank on every demand, and most pressing on the bank when it was restricting its issues.—There are about 300 banks of issue in England and Wales, for all of which the bank would have to provide gold.—The measure would tend to frustrate one of the objects of Act 7 and 8 Vict. c. 32, (the ultimate establishment of a single bank of issue), by withdrawing a motive to banks of issue to adopt Bank of England circulation. It would give some ground of complaint to those bankers who have already abandoned their circulation, by placing their issuing competitors on a level with themselves as to discounting. It would, as respects Manchester and Liverpool, be inoperative, there being no banks of issue at those places. It would be difficult in times of pressure or adverse exchanges to control the discounts; and such contraction, if enforced, would be obnoxious to such issuing banks as had been in the habit of discounting. The banks would consider they had acquired a right to discounts, and would probably ascribe to the capricious action of the Bank of England any losses consequent on a necessary contraction of accommodation.' ”*

*The Laws of the Currency with reference to the
Country Banks.*

These are thus stated in the article previously quoted, in the Foreign and Colonial Review:—

"It will readily occur to every reader, that the laws which regulate the circulation of these country banks must be different from those which regulate the London circulation of the Bank of England. They do not pay the public dividends; they cannot issue their notes in purchasing bullion, or Government stock, or Exchequer bills, as all these operations take place in London, where their notes do not circulate. They are also subject to certain restrictive laws to which the notes of the Bank of England are not subject. Their notes are not only legally payable on demand, but payment is constantly demanded; while

* Commons, 4312.

no one demands payment of a Bank of England note, unless he has occasion to export the gold. There is also a system of exchanges between country bankers, by which all notes that are paid into any of the banks are immediately brought back for payment to the banks that issued them. It is the practice, too, throughout the country, to allow interest on deposits; and thus all notes not required for the actual wants of the community are promptly withdrawn from circulation, and lodged with a bank upon interest.

“ On inspecting the monthly returns of the country circulation for the last ten years, we find that the highest amount is in the month of April; thence it descends, and arrives at the lowest point by the end of August, which is the lowest point in the year. It gradually increases to November; a slight reaction takes place in December; but it then advances, until it reaches the highest point in April. The general law is, that the country circulation always makes one circuit in the year—being at its lowest point in August, and advancing to December, and continuing to advance to its highest point to the month of April, and then again descending to its lowest point in August.

“ The laws which regulate the circulation of the country banks are derived from the state of trade in the respective districts in which the banks are established. As these banks are chiefly located in agricultural districts, the operations of agriculture have a very considerable influence in their regulation. Hence the advance in the spring, and the advance again after August, in consequence of the harvest. It is clear that the laws must be uniform in their operation, because the fluctuations of circulation in each year are uniform, and constantly recur with the return of the season. The slight reaction in December is

probably occasioned by the collection of the public revenues and of landlords' rents in the country districts, and the general dulness of trade in that month.

" It may also be observed, that the issues of the joint-stock banks, and of the private banks, are subject to the same laws. The issues of both class of banks rise together and fall together, and they have maintained nearly the same *relative* amount during the last seven years.

" The laws which regulate the annual fluctuations of the country circulation, that is, which determine the variations in the amounts of the country circulation, not within the year, but taking corresponding periods of different years, are also dependent on the state of trade in those years. If there be an increase of trade without an increase of prices, more notes will be required to circulate the increased quantity of commodities. If there be an increase of commodities, and also an advance of prices, a still larger amount of notes would be required. There are also other circumstances that may permanently affect the amount of the country circulation.

" During the last five years there has been a gradual reduction in the annual amount of the country circulation, as appears from the following Table, which shows the average amount in each year, from 1839 to 1843, both inclusive :—

1839	£11,715,527
1840	10,457,057
1841	9,671,643
1842	8,249,052
1843	7,667,916

" We attribute this extensive reduction in the country circulation to the following causes :—First, The great dulness of trade which has taken place in every part of the country. Secondly, The fall in the price of corn in

connexion with bad harvests. Thirdly, The introduction of the penny postage, and the system of registered letters. The uniform penny post was commenced on the 10th of January, 1840, and the registry of letters on the 6th of January, 1841. In consequence of these arrangements every banker sends off every night, either to London or elsewhere, for payment, all the notes of other banks he may have received during the day, excepting those issued in the same town. This must have occasioned a large reduction in the amounts returned as notes in circulation. The amount in the hands of the public is the same, but the amount in the hands of other bankers is considerably reduced. Fourthly, The practice of keeping banking accounts has extended very much of late years. Instead of carrying notes in their pockets as formerly, people now lodge the notes with their banker, and make their payments by giving cheques on the bank. The facilities of travelling by railways and other means have also tended to diminish the amount of notes in circulation, and to cause them to be returned more rapidly for payment to the bankers. Fifthly, The circulation of the private bankers has been reduced by failures, and by merges into joint-stock banks; and on the other hand, several joint-stock banks have withdrawn their own notes, and made arrangements for issuing the notes of the Bank of England.”

It will be seen by the following Table, that the country circulation is governed by the same laws since the passing of the Act of 1844:—

An Account of the average Circulation of the Private and Joint-Stock Banks of Issue, during the last week in the months of April, August and December, for the years 1845, 1846, 1847 and 1848.

Date.	PRIVATE BANKS.			JOINT-STOCK BANKS.		
	No. of Banks.	Authorized Issue.	Actual Circulation.	No. of Banks.	Authorized Issue.	Actual Circulation.
1845.		£	£		£	£
April 26	199	5,011,097	4,655,636	71	3,477,321	3,272,034
Aug. 30	199	5,011,097	4,369,458	71	3,477,321	3,129,952
Dec. 27	197	5,009,021	4,481,038	70	3,469,872	3,160,010
1846.		£	£		£	£
April 25	197	5,009,021	4,700,170	70	3,469,872	3,229,744
Aug. 29	197	5,009,021	4,384,136	70	3,469,872	3,085,200
Dec. 26	196	4,999,444	4,528,208	67	3,418,277	3,145,702
1847.		£	£		£	£
April 24	196	4,999,444	4,700,169	67	3,418,277	3,228,717
Aug. 28	196	4,999,444	4,150,688	67	3,418,277	2,927,462
Dec. 25	187	4,880,389	3,525,157	65	3,261,906	2,417,528*
1848.		£	£		£	£
April 29	187	4,880,389	3,919,739	67	3,409,987	2,834,799
Aug. 26	187	4,880,389	3,473,839	67	3,409,987	2,455,664
Dec. 30	184	4,822,488	3,192,340	66	3,409,987	2,529,498

I cannot better state my own views of the principles of the country circulation, than by transcribing a portion of my evidence given before the Committee on Banks of Issue, in March, 1841, when examined by Sir Robert Peel :—

“Sir Robert Peel.—Would you recommend that the paper thus issued should be convertible into gold at the will of the holder?—Yes.

“You think that is an absolutely necessary check

* From the pressure in the year 1847, the country circulation in December was less than in August. Will they who contend that country bankers can extend their issues as they please, have the kindness to inform us why those bankers did not increase their issues when money was so valuable?

against excessive issues?—I think it is a necessary check.

“ What reference is made in the issue of paper to the quantity of gold in the country, and to the ultimate ability of the parties to discharge their paper engagements in gold?—The bankers in issuing their notes do not make any reference to the quantity of gold in the country, but they make reference to their ability to discharge those notes when returned to them for payment.

“ What is the nature of the reference which they make?—By keeping securities available for the purpose of being sold, in order to discharge those notes whenever presented to them for payment.

“ They have no reference whatever to the state of the exchanges?—No; when I say no, I mean not with the view of regulating the amount of notes by the exchanges; but bankers, whether banks of issue or not, notice the exchanges as naturally as they would notice the prices of the funds, in order that they may be able to judge as to the future value of money, so as to exercise their discretion with reference to their investments.

“ They do not notice the state of the exchanges with a view to determine the policy of contracting or increasing their issues?—No; not with a view of making the amount of their issues correspond. If they see that the exchange is likely to become unfavourable, bankers will naturally be more cautious in making advances, and more cautious of coming under engagements, than they would be when they found that the exchanges were favourable; but there is no intention on the part of the country banks to make their notes correspond with the amount of the bullion in the Bank of England.

“ A country banker would rely upon the sale of his securities, and that only in case of a demand for gold?—

In case of a general run, he would depend upon the stock he had in hand, and the further stock he might realize by a sale of securities.

“ If all parties continued to issue, none of them having reference to the state of the exchanges, but relying upon the available resources which a sale of securities might supply, do not you think that there might be a danger of a sudden demand for gold, and of an inability on the part of those issuers to discharge their engagements in gold?— I do not think there would be any danger of that at all, because each bank would take care of itself; if you suppose that the whole circulation of the country comes in at once and demands gold, it is quite clear that gold cannot be found to pay it off, and that is equally the case with the Bank of England and any other bank, and it is equally the case with us who are banks of deposits; if all the depositors were to come together at the same time and require their deposits, we should be unable to pay them, but we could realize our securities, and pay them off, if they were to come gradually.

“ Suppose there was one bank which had the charge of the paper circulation of the country, and had the means, therefore, by constant reference to the state of the exchanges, of determining the amount of the paper circulation, do not you think that there would be a greater security against a sudden demand for gold, and an inability to pay that gold, than there is when there are a great many issuers, none of whom, according to your own statement, pay the slightest regard to the state of the exchanges?— No, I think not.

“ What then supplies the check?— The check upon the private bankers is, that their circulation cannot be issued to excess; whereas if you had a bank which should issue notes for so much gold, then every time there was a

favourable course of exchange, there would be a large issue of notes, which notes would necessarily reduce the rate of interest, lead to speculation, and turn the exchanges again by causing investments to be made in foreign countries. Now, as issues are at present conducted, bankers are under several checks which would not apply to such a bank; for instance, the check of the interchange with each other of their different notes once or twice a week, and the check of having their notes payable on demand; whereas the notes of such a bank as you suppose would not be diminished except when gold was wanted to be sent abroad. Another check is the practice of giving interest upon deposits, by which all the surplus circulation is called in and lodged with the banks; now, such a bank as you have supposed would not be under the control of those checks, and it would be under the necessity of increasing the circulation whenever the exchange became favourable; and we know by experience, that the most sure way of making the exchanges unfavourable is a previous excessive issue; that previous excessive issue would necessarily arise, on the principle you have supposed, every time the exchange was favourable.

“ You think that there is some cause in operation which applies equally to all issuers of paper, and prevents any undue issue of paper, and dispenses with the necessity of any reference, on the part of each issuer to the state of the exchanges?—That is the case with all country issuers of paper. With regard to the Bank of England, who have the power of issuing their notes in exchange against bullion, in the purchase of Exchequer bills and Government stock, it is quite clear that notes put into operation in that way, being thrown in a mass upon the previously existing state of trade, will have the effect of raising prices and reducing interest, and turn the exchanges, but if

notes are issued merely to pay for transactions that have previously taken place, and are drawn out by the operations of trade, those notes will have no such effect.

“ Supposing, at present, the Bank of England observed that the exchanges continued unfavourable for a long period, and that there was a progressive diminution in the amount of their bullion, and supposing that they saw that in the course of two years their bullion was reduced from ten millions to four millions; do you think it would be desirable that the Bank of England should take any step whatever to guard against the ultimate consequences of that state of things, by restricting the paper circulation?

—I think such a case may occur, but I think in ordinary times the Bank of England might hold foreign securities, by which they would bring back gold to this country, and thus prevent any necessity for a contraction of the circulation; at the same time, I do not at all question the possibility of such a case occurring as may render a contraction necessary; nor do I at all question the influence of a contraction to have some effect upon the exchanges; but I contend that, as an ordinary principle of action, the bank ought not to expand their circulation, so as to cause the exchanges to be unfavourable, nor calculate upon a contraction of the circulation for the purpose of remedying the exchanges.

“ Then you do think that the expansion of the circulation of the Bank of England may cause unfavourable exchanges?—Yes.

“ Why should not the expansion of the circulation on the part of the country issuers produce the same effect?—Because the country circulation is under checks, whereas the Bank of England circulation is not; the country circulation can be issued only in consequence of transactions which have taken place, and to the extent only required

by the wants of the district; whereas it is obvious that the Bank of England has the power of increasing the circulation by the purchase of exchequer bills, or stock, or by purchasing bullion, and throwing a mass of notes on the market when the state of trade does not require them."

Chairman.—“Have you any further observations to make to the committee?—When the first question was asked of me, at the commencement of my examination, I stated that I appeared before the committee as the representative of the joint-stock banks, and that, therefore, in expressing any opinions consistently with the resolutions which they had passed, I wished to be considered as speaking the sentiments of the joint-stock banks, but, should the committee ask me any question not connected with the circumstances of country issues, that I wished to be considered as speaking my own individual opinions. The points upon which I wish to be considered as speaking the sentiments of the joint-stock banks are as follows: I speak the opinions of the joint-stock banks, in saying that their circulation cannot be made to fluctuate in exact conformity with the circulation of the Bank of England, or with the stock of gold in the Bank of England; that the country issue is drawn out by the demands of trade, and is subject to checks to which the circulation of the Bank of England is not liable; that the country bankers have not the power of issuing their notes to excess; that they cannot contract their circulation or expand it as they please; and also, that the country circulation does not influence the prices of commodities, and that it cannot be regulated by the principles of the foreign exchange. I speak the opinions of the joint-stock banks when I say, that the abolition of the country circulation would cause very considerable distress; would limit the power of the

country banks to grant the same accommodation to their customers ; would compel many of their customers to sell their property, thus lessening the value of real property ; that country bankers would be compelled to increase their charges to their customers ; and, in some cases, that those banking establishments would be altogether abolished, in consequence of not being able to supply sufficient profit for carrying them on ; that, in some other cases, however the country circulation would be substituted or superseded by a bill circulation, nevertheless considerable distress would exist throughout the country, and that not only country banks themselves, but their customers and the public in general, would be subject to very considerable loss and inconvenience. In other opinions which I have expressed with regard to the regulation of the currency, and the principles upon which the Bank of England ought to be managed, also, as regards the extracts which have been made from my own works, and other matters I need not particularly specify, I wish to be understood as giving my own opinions, without saying whether those opinions do or do not meet the concurrence of the joint-stock bankers. I take the responsibility of these entirely upon myself."

The country bankers residing in the same neighbourhood usually make their exchanges once a week, and pay the difference in London on the following day. This arrangement is of considerable advantage to all parties. Suppose I as a country banker receive in the course of a week the sum of 10,000*l.* in the notes of a neighbouring bank, and that bank receives the same amount of my notes ; if we exchange notes, there is an end of the transaction. I pay the notes that bank has upon me by the notes I have upon that bank, and each of us has 10,000*l.* less in circu-

lation. But suppose we refuse to exchange notes with each other, then I take his notes and demand Bank of England notes and sovereigns, and he does the same with me. Hence each of us must keep a balance of 10,000*l.* more in gold or Bank of England notes, and also an additional sum to answer any sudden emergency that may arise at any time from that banker having more than the usual amount of notes, and to meet any run that he may be disposed to make upon me. Thus it is, that country banks by exchanging notes, and receiving payment of the difference in London, are enabled to carry on their business with a less amount of ready cash, and to prevent the danger that might arise from being run upon by each other. Those banks only exchange which are in the same neighbourhood. Were I to receive the notes of a bank at some distance off, I should send these notes to London, and that banker would send my notes to London, and they would be paid by our London agents. We should not exchange with each other, because it would cost more to send a messenger with the notes to be exchanged, than it would cost postage to London. Here I have to pay the postage of these notes to London, and I have also to pay the expense of having my notes which have been paid in London sent down to me.

The exchange between any two banks established in the same place, will be regulated by the character and extent of the business they may respectively carry on. The balance may for a considerable length of time be uniformly in favour of one of these banks, and then for a considerable period in favour of the other; or it may fluctuate weekly, and at the year's end be found to be neither favourable nor unfavourable. I shall endeavour to investigate the causes which govern these changes. In the first place, I shall presume that each bank is a bank

of deposit, of discount, of remittance, of agency, and of circulation. The claims upon each bank will then consist of—1. Cheques drawn against deposit accounts. 2. Its own notes. 3. Notes issued by its agents or other branches. 4. Letters of credit granted by agents or branches. These claims or obligations will get into the possession of the rival bank by some of the following ways:—1. As lodgments on deposit accounts. 2. In payment of local bills. 3. For bills or letters of credit on agents or branches. 4. Received for collection by post from some agents or branches. The exchanges will now be more or less favourable according to the following circumstances :—

1. The discounting of bills not payable in the place where the banks are established, has a tendency to render the exchanges unfavourable.

If, for example, a country banker discounts bills payable in London, he issues his own notes for the amount at the time the bill is discounted, and some of these notes will get into the rival bank and render the exchanges unfavourable. When the bills are due, the London agent receives the amount from the accepters; but this has no effect on the local exchange. Hence a bank that discounts a large amount of London bills must expect to have large sums to pay in the exchanges. There are some cases, however, in which the discounting of London bills will not affect the local exchange: these are—1. When the amount of the bill is not taken in notes but in a draft on the London or some other agents. 2. When the amount of the bill is placed to the party's current account, the exchanges will not be affected so long as it remains on that account. 3. The exchanges will not be affected if the notes issued for the London bill should be retired either by the bank that issued them, or by any of its agents.

2. If a bank has to pay a large amount, or letters of credit, issued upon it by its agents or branches, the exchanges may become unfavourable.

The exchange between any two banks may be affected by other circumstances than local connexions. If one bank is *drawn upon* by agents or branches, or has to pay notes issued by agents or branches, and the other has no such connexions, then the exchange will be unfavourable to the former bank and favourable to the latter. Some of these notes or letters of credit, and some of the notes issued for the letters of credit, will probably get into the possession of the rival bank, and appear in the exchange.

3. If a bank issues a large amount of bills, or letters of credit upon its agents or branches, the tendency is to render the exchange favourable.

The bank receives the money for these bills or letters at the time it issues them. This money will often be composed of the notes chiefly in circulation, and a part of them will consist of the notes or obligations of the rival bank, and will be paid in the exchange: or if the bank receive from its agents or branches any claims upon the rival bank, or even any bills to be collected, the effect will be to render the exchange favourable in the same way as the granting letters of credit upon those agents or branches.

4. The increase of lodgments on current accounts has a tendency to render the exchanges favourable.

On these accounts money is received and money is paid out daily. The receipts of money tend to throw the exchange in favour of a bank, because some portion of these receipts will consist of the obligations of the rival bank. The payment of money tends to render the exchange unfavourable, because some of the notes issued in payment

will find their way into the other bank. When therefore the receipts are more in amount than the payments, the exchanges are likely to be favourable. When the total deposits lodged in a bank continue to increase, the exchange will probably be favourable *during the progress of* such increase; but after the deposits have ceased to increase, the exchange will not be more favourable than before the increase began. As long as the amounts of the deposits in the respective banks remain stationary, the operations on those accounts will not affect the exchanges, although the deposits in one bank may be twice the amount of those in the other. But if from a transfer of accounts or from other causes the deposits increase in one bank and diminish in the other, the exchanges during these operations will be in favour of the bank whose deposits are on the increase. But let the progress of increase be over, and the amounts of the respective lodgements become permanently fixed, then as far as the operations on the current accounts are concerned the exchanges will again be equal.

5. An increase in the amount of local bills under discount has a tendency to render the exchanges unfavourable. Local bills are bills payable in the place where the bank is established. The operations on the local bill account are similar to those on the deposit account. When these bills are discounted, notes are issued—when the bills are paid, notes are received. When the amount of local bills paid is greater than that discounted, the tendency is to render the exchanges favourable. Thus, to reduce the amount of local bills under discount, is to render the exchanges favourable; and to increase the amount, is to render them the reverse. But though the operations on the local bill account are similar in their nature to those on the current accounts, yet the effect is different as to

their influence on the exchanges. For as the amount of the local bills under discount increases, the exchanges become unfavourable: but as the deposits increase, the exchanges become advantageous. In the increase of local bills the issue of notes will be more than the receipts; but in the increase of the deposits the receipts will be more than the issues.

As the laws of the country circulation are the same, whether the notes are issued by private or by joint-stock banks, I have introduced the subject into this section on the Private Country Banks, and have altogether omitted it in the following section on the Country Joint-Stock Banks.

SECTION V.

COUNTRY JOINT-STOCK BANKS.

BY a clause in the charter of the Bank of England, no partnership formed for carrying on the business of banking, could consist of more than six persons, but by an Act passed in the year 1826, co-partnerships of more than six in number are permitted to carry on business as bankers in England, *sixty-five miles from London*, provided they have no house of business or establishment as bankers in London, and that every member of such co-partnership shall be responsible for all the debts of the company. They must also deliver to the Stamp-office the names and places of abode of all their members, and also a list of their officers. These lists are to be copied into a book, which any person is entitled to see on paying one shilling, and to obtain a copy for ten shillings. The banks may sue and be sued in the name of their public officer, and execution upon judgment may be issued against any member of the co-partnership.

We take the following account of these banks from a Report of a Committee of the House of Commons, appointed in the year 1836 to inquire into the operation of the Act 7 Geo. IV. c. 46, for permitting the establishment of Joint-Stock Banks :—

“ The evidence taken before your committee, and the returns from the Stamp-office, establish the fact that these banks are rapidly extending in all directions; that new companies are daily forming, and that an increased number of branches and agencies are spreading throughout England, even in small towns and villages; that a principle of competition exists, which leads to the extinction of all private banks, and to their conversion into banking companies. The mode in which this is effected, and the principle on which the issue of transferable shares acts at once on private banks, and generally on commercial credit, is fully developed in the evidence.

“ Your committee have had before them the deeds of settlement of the greater number of the existing joint-stock banks, and they proceed to submit to the House an analysis of some of their leading provisions.

“ Though the general objects of these establishments are much alike, yet there are some variations in their deeds of settlement which it may be material to point out.

“ First, as to the power of altering the regulations of the company.

“ The active duties are generally delegated to a small body called the directors, while the main body of proprietors reserve to themselves the power of selecting the directors, and of altering from time to time the rules by which the directors are to be governed. Indeed, it might have been expected that the proprietors would always have reserved to themselves this power; nor should this general rule have been noticed, had it not been necessary to point out a single exception to it, in the case of one particular company, in which all the powers of the company are vested in the directors of the central bank, till January, 1838, and even after that date this authority is only to be controlled by the ‘general board of directors,’ consisting of the central directors themselves, and of the local directors of branch banks, appointed by them. The deeds of all the other companies expressly give a power to the shareholders to make new laws and regulations.

“ Secondly, as to the mode of conducting the business of banking.

• “ This is for the most part set out in general terms. Some banking companies content themselves with defining the business to be ‘banking in all its branches;’ in other cases, it is called ‘the business of bankers.’

“ Advancing money on real security is in no instance forbidden. The deeds of three companies are silent on the subject; the rest expressly allow it.

“ The majority of the deeds are silent on the subject of the purchase of land. The _____ Banking Company expressly allows it. The _____ Banking Company and the Union Banking Company, expressly forbid it.

“ An advance of money on mining concerns is in no instance expressly allowed; in many it is expressly forbidden; in the majority, it is passed over in silence.

" Advances of money upon any 'public foreign government stock, or the stock of any foreign chartered public company,' is directly sanctioned in the deeds of four banking companies. Investment in foreign government stock or funds is allowed by the deed of another bank. Such advances are expressly forbidden by many of the deeds, and are passed over in silence by many others.

" In no instance is the company forbidden to become the purchaser of its own shares ; but, on the contrary, power is expressly given to do so by means of the deeds, and that to any amount. The only modifications of this power which your committee have found, are in the case of one banking company, in which the directors are authorized to purchase shares in the case only of a refusal to admit as a proprietor the person proposing to buy ; and in the case of another bank, the number of shares to be bought in by the directors is restricted to forty.

" Thirdly, as to the degree of publicity to be given to the proceedings.

" No principle seems to be more attended to, or prominently put forward, than that of preserving secrecy as to the state of the accounts of the customers of the banks. To this principle there does not appear to be an exception.

" The directors are in general required to sign a declaration pledging themselves to observe secrecy as to the transactions of the bank with their customers, and the state of the accounts of individuals. In some of the companies, this declaration is also to be signed by all the clerks and officers. One banking company goes so far as to require an oath to this effect. If the proprietors are dissatisfied with the statement of accounts made by the directors, a power is generally reserved to appoint auditors or inspectors for the examination of the books ; but these auditors or inspectors are required to sign a similar declaration of secrecy.

" No proprietor, not being a director, is entitled to inspect any of the books of the company.

" The directors are in general bound to exhibit to the general meeting of the shareholders a summary or balance-sheet of their affairs, and to make such further statement or report as the directors may deem expedient and conducive to the interests of the company. In the case of one of these banks, even this is not obligatory by the terms of the deed, which leave it to the discretion of the directors whether they do or do not exhibit a balance-sheet. In a very extensive bank, the proprietors annually appoint auditors to examine the affairs of the company, and to report thereon.

" In some of the companies the principle of secrecy is carried still further : two of the directors, selected from the rest, are the exclusive depositaries of the power of inspecting the private accounts of customers. These persons are sometimes called 'confidential directors.' This provision is stated to be made 'in order that the credit and private transac-

tions of individuals may be preserved inviolate.' Sometimes they are called 'managing directors;' sometimes 'special directors.' In other companies, though all the directors have the power of inspection of the accounts of customers, two of the directors are selected to inspect bills and notes, 'in order to prevent the exposure of such bills of exchange and promissory notes as may pass through the bank.' These two directors are called 'the bill committee.' In two of the companies, a single person, called 'the manager,' has the exclusive power of inspecting bills and notes.

"Fourthly, as to the terms on which the company is to be dissolved.

"The deeds of all these companies contain some provision for dissolution in certain contingencies. It is in general provided that a dissolution of the company shall take place by reason either of a certain amount of loss, or of a voluntary agreement. Dissolution by reason of loss in the great majority of the deeds is provided for in the following manner.

"It is necessary to premise that the directors of each of these companies are bound to set aside a certain portion of the profits to form a fund to meet extraordinary demands, which fund is sometimes called the 'surplus fund,' sometimes the 'reserve fund,' but more usually the 'guarantee fund.' The ordinary provision for dissolution is to this effect:—That if the losses sustained shall at any time have absorbed the whole of this guarantee fund, and also one-fourth of the capital paid up, then any one shareholder may require the dissolution of the company, which shall take place accordingly, unless two-thirds in number and value of the shareholders shall be desirous of continuing the company, and shall purchase the shares of those proprietors who wish to withdraw. In one bank the dissolution of the company takes place upon a loss of one-fifth instead of one-fourth of the capital. In two other banks no mention is made of the guarantee fund.

"The provision of the great majority of deeds, as above stated, is, that in the event of a given amount of loss, any one shareholder may propose the dissolution. In some, three shareholders are required. In the Banking Company A. the requisition for dissolution must be made by ten shareholders holding 200 shares; in the Bank B. by one-fourth of the company; but if the loss amounts to one-half the capital, then by any single shareholder.

"By the general provisions of the great majority of deeds, the dissolution of the company, though duly proposed, may be averted by two-thirds of the proprietors; but in some there exists no such restriction; and on the occurrence of a given amount of loss, the dissolution, if proposed, must necessarily take place. In other instances, on the appearance of a given amount of loss, the dissolution is to take place immediately, even though no partner should propose it."

ON BANKING.

List of the existing COUNTRY JOINT-STOCK BANKS, arranged in the Alphabetical Order of their Head Offices.

No.	Name.	Head Office.	When first Established.	Paid-up Capital.	Reserved Fund.	Last Dividend.	Amount of Authorized Issue.	Name of Manager.
1	Ashton, Shalbridge, Hyde & Glossop Bank ...	Ashton	June 18, 1836	none	£ 37,140 0	5 per cent.	£ 9,563	J. R. Coulthart.
2	Barnsley Banking Company ...	Barnsley	Jan. 25, 1832	none	... 37,500 0	8	... 9,563	S. Linley.
3	Birmingham Town & District Banking Company ...	Birmingham	Sept. 30, 1829	2	200,000 0	10 p. cent. & 5 bonus	W. B. Beaumont.	... B. Smith.
4	Birmingham & Midland Bank ...	Birmingham	July 4, 1836	none	74,300 0	40,000 10 per cent.	... C. Geach.	J. Derbyshire.
5	Bank of Bolton ...	Bolton	Aug. 15, 1836	none	90,300 0	37,152 37,152 per share	... S. Laycock.	... J. Hill.
6	Bradford Banking Company Joint - Stock	Bradford	May 30, 1836	none	154,000 0	... 10 per cent.	49,392	J. Manningford.
7	Bradford Commercial Joint - Stock Banking Company ...	Bradford	July 7, 1827	none	... 154,000 0	... 10 per cent.	20,084	J. Bates.
8	Stuckey's Banking Company ...	Bristol	Feb. 27, 1833	none	... 24	... 37,152	356,376	A. Davidson.
9	West of England & South Wales District Bank ...	Bristol	Oct. 9, 1826	... 24	... 267,287 10	7 per cent.	83,355	G. Walker.
10	Burton-on-Trent	Burton-on-Trent	Dec. 23, 1834	11	33,443 0	... 10 per cent.	60,701	B. Ward.
11	Bury	Bury	Oct. 16, 1839	2	64,875 0	... 10 per cent.	... 19,972	W. Coward.
12	Carlisle	Carlisle	June 14, 1836	none	... 58,000 0	20,419	12,786	J. H. Bowley & E. Frampton.
13	Carlisle City & District Banking Company ...	Carlisle	Feb. 20, 1836	1	... 58,000 0	... 10 per cent.	144,352	J. H. Bowley & E. Frampton.
14	Carlisle & Cumberland Banking Company ...	Carlisle	Oct. 8, 1836	2	51,925 0	8 "	25,610	T. Lissaman.
15	Cheltenham & Gloucestershire Bank ...	Cheltenham	May 19, 1836	1	40,000 0	6 "	12,786	H. Gaskell.
16	County of Gloucester Bank ...	Cheltenham	Aug. 1, 1836	10	200,000 0	5 "	26,134	A. Disdale.
17	Chesterfield & North Derbyshire Banking Company ...	Chesterfield	Dec. 21, 1833	none	23,250 0	5,524 7 "	8,122	M. Sinclair.
18	Coventry & Warwickshire Banking Company ...	Coventry	Dec. 13, 1835	none	... 36,000 0	... 5 per cent.	37,696	F. S. Buckley.
19	Coventry Union Banking Company ...	Coventry	May 12, 1836	1	... 44,950 0	... 7 per cent.	16,251	C. E. Molineux.
20	Darlington District Banking Company ...	Darlington	Dec. 22, 1831	5	... 44,950 0	... 7 per cent.	26,134	J. C. Green.
21	Derby & Derbyshire Banking Company ...	Derby	Dec. 28, 1833	1	... 43,350 0	10 per cent.	18,534	J. C. Caw.
22	Desborough Banking Company ...	Desborough	June 28, 1833	2	... 120,000 0	17½ " 5 " 15,920	44,137	J. Bowman.
23	Dudley & West Bromwich Banking Company ...	Dudley	Dec. 30, 1833	1	... 65,000 0	12,000 15s. per share	13,733	F. Hardcastle.
24	Gloucestershire Banking Company ...	Gloucester	June 28, 1831	8	... 169,050 0	12,000 10 per cent.	... 13,733	Halifax Commercial Banking Company ...
25	Halifax Joint-Stock Banking Company ...	Halifax	Nov. 11, 1829	none	... 67,050 0	... 10 per cent.	... 13,733	Halifax & Huddersfield Union Banking Company ...
26	Halifax Commercial Banking Company ...	Halifax	June 29, 1836	1	... 67,050 0	... 10 per cent.	... 13,733	Halifax Commercial Banking Company ...

No.	Name.	Head Office.	When first Established.	Shares of £1 each in £1000.	Paid-up Capital.	Reserved Fund.	Last Dividend.	Amount of Authorized Issue.	Name of Manager.
28	Helston Banking Company	Helston.....	Aug. 1836	none	£ 3	...	.....	£ 1,503	J. Ellis.
29	Herefordshire Banking Company	Hereford.....	Aug. 5, 1836	45,257 10	140,000 0	23,028	10s per share	25,47	J. K. Hastings.
30	Huddersfield Banking Company	Huddersfield.....	June 7, 1827	2	...	...	10 per cent.	37,354	D. Marden.
31	West Riding Union Banking Company	Huddersfield.....	Dec. 29, 1832	2	...	...	.....	34,029	J. Heron.
32	Hull Banking Company	Hull.....	Nov. 30, 1833	3	...	...	12s per cent.	29,333	G. Cobb.
33	Bank of Westmorland.....	Kendal.....	June 8, 1833	none	21,800 0	...	12s per cent.	12,225	J. Parkin.
34	Kingsbridge Joint-Stock Bank.....	Kingsbridge.....	Dec. 1841	none	...	...	.....	3,952	{ F. Hurrell & G. B. Listone.
35	Knaresborough & Claro Banking Company	Knaresborough.....	Sept. 14, 1831	2	...	...	.....	28,059	J. Hull.
36	Lancaster Banking Company	Lancaster.....	Oct. 9, 1826	3	125,000 0	44,145	50s per share	64,311	J. Coulston.
37	Leamington Priors & Warwickshire Banking Company	Leamington.....	Aug. 27, 1835	4	...	...	.....	13,875	T. H. Thorne.
38	Leeds Banking Company	Leeds.....	Nov. 22, 1835	none	120,000 0	35,000	8 per cent.	23,076	E. Greenland.
39	Yorkshire Banking Company	Leeds.....	July 6, 1833	12	14,964 0	...	.....	122,532	J. W. Scott.
40	Leicestershire Banking Company	Leicester.....	Aug. 28, 1829	6	99,610 0	29,585	10 per cent.	86,060	G. Webb.
41	Pates Leicestershire Banking Company	Leicester.....	March 15, 1836	4	169,137 0	31,107	20s per share	59,300	W. Wilson.
42	Lincoln & Lindsey Banking Company	Lincoln.....	Aug. 10, 1823	8	100,000 0	9,000	10 per cent.	51,620	W. T. Page.
43	Bank of Liverpool.....	Liverpool.....	May, 1831	none	625,000 0	269,467	10 "	...	J. Langton.
44	Liverpool Commercial Banking Company	Liverpool.....	Dec. 29, 1832	none	338,600 0	150,439	8 "	...	R. Angus.
45	Union Bank of Liverpool	Liverpool.....	May 2, 1835	none	300,000 0	30,000	6 "	...	J. Lister.
46	North & South Wales Bank	Liverpool.....	April 30, 1836	24	215,450 0	...	6 "	63,951	G. Rae.
47	Liverpool Borough Bank	Liverpool.....	June 28, 1836	none	498,120 0	...	2 "	...	W. Cross.
48	Royal Bank of Liverpool	Liverpool.....	April 30, 1836	none	600,000 0	...	2 "	...	J. Chaffers.
49	Ludlow & Tenbury Bank	Ludlow.....	Nov. 26, 1833	none	420,000 0	86,930	6 per cent.	10,215	H. Whittall.
50	National Provincial Bank of England.....	London.....	Dec. 27, 1833	60	750,000 0	123,357	8 "	442,371	D. Robertson.
51	Manchester & Liverpool District Bank	Manchester.....	Nov. 26, 1829	14	...	...	...	...	P. Thomson.
52	Union Bank of Manchester	Manchester.....	May 6, 1836	none	25,900 0	50,000	8 per cent.	...	C. Smith.
53	Manchester & Salford Bank	Manchester.....	June 15, 1836	none	40,000 0	2,640	10 "	...	P. M. James.
54	North Wiltshire Banking Company	Melksham.....	Nov. 6, 1835	10	36,300 0	...	5 "	63,939	T. Palmer.
55	Berks Union Banking Company	Newbury.....	July, 1841	4	...	...	...	...	J. Knight.
56	Northumberland & Durham District	Newcastle.....	May 23, 1836	...	330,650 0	124,064	8 "	...	...
57	Newcastle Union Banking Company	Newcastle.....	July 11, 1836	...	...	...	7 per cent.	...	...
58	Newcastle Commercial Banking Company	Newcastle.....	July 16, 1836	none	50,000 0	9,000	6 "	...	P. Davidson.
59	Monmouthshire & Glamorganshire Banking Company	Newport.....	July, 1836	6	192,370 0	...	6 "	...	J. Fraser.
60	Northamptonshire Banking Company	Northampton.....	May 13, 1836	3	60,000 0	13,784	7 "	26,400	J. R. Spiller.
61	Northamptonshire Union Bank	Northampton.....	May 21, 1836	2	192,500 0	42,953	14 "	84,356	S. Percival.
62	East of England Bank	Norwich.....	Feb. 27, 1836	10	165,600 0	13,320	5 "	25,025	W. S. Wilson.

ON BANKING.

529

No.	NAME.	Head Office.	When first Established.	Issue Aug. 1832 £	Paid-up Capital. Aug. 1832 £	Reserved Fund. Aug. 1832 £	Last Dividend.	Amount of Authorized Issue.	Name of Manager.
63	Nottingham & Nottinghamshire Bank Company	Nottingham	April 12, 1834	5	200,009 0	6,074	18s. per share	29,477	T. H. Smith.
64	Moore & Robinson's Nottinghamshire Banking Company	Nottingham	July 12, 1836	none	72,000 0	...	10 per cent.	35,813	
65	Devon & Cornwall Banking Company	Plymouth	Dec. 31, 1831	42	103,075 0	8,451	6 "	...	D. Derry.
66	Portsmouth, Poole, Gosport & South Hants Banking Company	Portsea	April, 1839	1	...	...	..."	...	Jackson & Jones.
67	Preston Banking Company	Preston	June, 1814	none	100,000 0	2,586	5 per cent.	...	H. Graves.
68	Swaledale & Wensleydale Banking Company	Richmond	Dec. 30, 1836	3	53,400 0	...	8 "	54,372	J. Fisher.
69	Wiltz & Dorset Banking Company	Salisbury	Jan. 11, 1836	21	...	...	6 "	76,162	S. Provis.
70	Storey & Thomas' Bank	Shaftesbury	Feb. 1831	1	...	...	..."	9,714	
71	Sheffield Banking Company	Sheffield	June 24, 1831	110,550 0	25,804	12 <i>1</i> ²	per cent.	55,843	J. H. Barber.
72	Sheffield & Hallamshire Banking Company	Sheffield	May 20, 1836	none	125,350 0	13,517	5 "	23,524	W. Waterfall.
73	Sheffield & Rotherham Banking Company	Sheffield	June 25, 1836	2	92,556 0	22,339	10 "	52,496	W. Brown.
74	Sheffield Union Banking Company	Sheffield	June, 1843	1	27,040 0	12,216	6 "	...	E. Liddell.
75	Shropshire Banking Company	Shifnal	May 27, 1836	4	60,000 0	12,200	12 <i>1</i> ² "	47,951	N. Allen.
76	Hampshire Banking Company	Southampton	April 29, 1834	4	80,000 0	18,031	9 "	...	E. Atkins.
77	Stamford, Spalding & Boston Banking Company	Stamford	Dec. 28, 1831	5	...	...	..."	55,721	O. Edmonds.
78	Bank of Stockport	Stockport	May 3, 1836	none	31,850 0	...	..."	...	F. Ovey.
79	Stourbridge & Kidderminster Banking Company	Stourbridge	April 9, 1834	2	100,000 0	...	10 per cent.	56,830	J. Amery.
80	Glamorganshire Banking Company	Swansea	Sept. 1836	1	100,000 0	12,332	8 "	...	W. Stroud.
81	Sunderland Joint-Stock Bank	Sunderland	Aug. 4, 1836	none	75,000 0	...	5 "	...	H. Parker.
82	Wakenfield & Barnsley Union Banking Company	Wakefield	Oct. 25, 1832	1	40,000 0	...	6 "	14,604	W. H. Dikes.
83	Warwick & Leamington Banking Company	Warwick	Sept. 10, 1834	3	32,800 0	...	5 "	37,124	H. Summerfield.
84	Whitchurch & Ellesmere Banking Company	Whitchurch	Jan. 1840	1	...	...	..."	7,475	J. Lowe.
85	Whitehaven Joint-Stock Bank	Whitehaven	May 25, 1829	1	42,375 0	15,000	12 per cent.	31,916	P. Cameron.
86	Bank of Whitehaven & Farnsfordshire Banking Company	Whitehaven	Jan. 1837	1	30,000 0	31,478	10 "	32,681	S. Dodgson.
87	Wolverhampton & Farnsfordshire Banking Company	Wolverhampton	Dec. 28, 1831	none	50,000 0	...	17 "	35,378	J. Wiley.
88	Bilston District Bank	Wolverhampton	Sept. 5, 1836	none	30,375 0	6,887	7 <i>1</i> ² "	9,418	J. Griffin.
89	Worcester City & County Bank	Worcester	Nov. 1840	none	50,000 0	15,546	7 "	6,848	E. Evans.
90	Gainsborough Union Banking Company	Workington	Mar. 13, 1829	5	100,000 0	45,743	12 "	35,395	C. Brown.
91	York City & County Banking Company	York	Mar. 2, 1834	8	100,000 0	10,000	10 "	94,695	R. Barnes.
92	York Union Banking Company	York	April 23, 1833	4	99,000 0	20,000	10 "	71,240	B. T. Wilkinson.

We have no official return of the present amount of the paid-up capital of all the joint-stock banks. But from the best information that has been collected on the subject, it would appear that the number of partners in all the banks in England (including those of London) is about 23,000, the paid-up capital about 14,000,000*l.*, and the reserved funds 2,000,000*l.*

The following country Joint-stock Banks in England have stopped payment. As we have elsewhere discussed the causes of the failure of joint-stock banks generally, we need make no observations on them individually.

	<i>Date of Establishment.</i>		<i>Date of Stoppage.</i>
1. Birmingham—Birmingham Borough Bank	Mar. 1837	. .	1840
2. Devonport—Western District Bank	Sept. 1836	. .	1844
3. Leamington—Leamington Bank . .	May, 1835	. .	1837
4. Leeds—Leeds & West Riding Bank	Oct. 1835	. .	1846
5. Liverpool—Liverpool Banking Company	Mar. 1836	' . .	1847
6. Manchester—Bank of Manchester .	Mar. 1829	. .	1842
7. Manchester—Commercial Bank of England	Aug. 1834	. .	1840
8. Manchester—Imperial Bank of England	Dec. 1836	. .	1839
9. Newcastle—Newcastle Joint-Stock Bank	July, 1836	. .	1846
10. Newcastle—North of England Bank	Dec. 1832	. .	1847
11. Sheffield—Sheffield & Retford Bank .	Aug. 1839	. .	1846
12. Southampton—Southern District Bank	Dec. 1836	. .	1841
13. Walsall—Walsall & South Staffordshire Bank	Aug. 1835	. .	1840
14. York—Yorkshire Agricultural & Commercial Bank	Aug. 1836	. .	1843

No. 1 was formed out of the remnants of a branch of the Northern and Central Bank of England. No. 4 was formed on the private bank of Messrs. Smith & Son. No. 5 was at first called the Tradesman's Union Bank, and under that

title made returns to the Joint-stock Banking Committee of the House of Commons in 1836. No. 10 is now winding up its affairs under "The Joint-stock Companies' Winding-up Act, 1848."

The following Joint-stock Banks wound up their affairs without stopping payment :—

	<i>Date of Establishment.</i>		<i>Date of Winding up.</i>
1. Ipswich—Suffolk Banking Company	April, 1842	.	1845
2. Leeds—Yorkshire District Bank . .	Aug. 1834	.	1843
3. Leeds—Commercial Bank of Leeds .	July, 1836	.	1846
4. Liverpool—Albion Bank	May, 1836	.	1842
5. Liverpool—Phoenix Bank	Jan. 1837	.	1838
6. Manchester—Northern & Central Bank of England	Mar. 1834	.	1836
7. Manchester—South Lancashire Bank	May, 1836	.	1843
8. Manchester—Alliance Bank . . .	Oct. 1839	.	1841
9. Oldham—Oldham Banking Company	Sept. 1836	.	1847

No. 2 was discontinued, and the shareholders formed a new bank, called the Yorkshire Banking Company, taking all the premises and officers of the old bank. No. 3 was formed on the private bank of Messrs. Bywater & Co. No. 4, The Tradesman's Bank of Liverpool merged in this bank. Afterwards it wound up, paying back to its proprietors all the capital and a bonus besides. No. 5 was formed out of the remnants of a branch of the Northern and Central Bank ; it existed only a short time. No. 8, The Northern and Central Bank realized about 10s. in the pound of its capital. Some of the shareholders with that portion of their capital formed this bank. It never did much business, and after a while its capital was lent to the Bank of Manchester, upon the promissory notes of that bank, at two or three years' date, bearing interest at 5 per cent. No. 9: a well-managed bank, but having only a small capital, the directors determined, after the pressure of 1847, to wind up its affairs.

Banks which stopped, and soon afterwards resumed :—

		<i>Date of Establishment.</i>		<i>Date of Stoppage.</i>
1.	Liverpool—Royal Bank of Liverpool	May, 1836	.	1847
2.	Liverpool—North & South Wales Bank	May, 1836	.	1847
3.	Newcastle—Union Bank of Newcastle	July, 1836	.	1847
4.	Nottingham—Nottingham & Notting- hamshire Banking Company . .	April, 1834	.	1842

Nos. 1 and 2 stopped during the pressure of 1847, but soon afterwards resumed. No. 3 stopped at the same period, but have resumed at three of their branches, and are about to resume at Newcastle. No. 4 was stopped in 1842 by their London agent. They changed their agent, and resumed.

The following Joint-stock Banks have merged in other Joint-stock Banks :—

<i>Banks.</i>	<i>Banks into which they merged.</i>	<i>Date of Establishment</i>	<i>When merged.</i>
1. Birmingham—Bank of Birmingham . . .	Birmingham Banking Company	Aug. 1832	. 1837
2. Lichfield — Lichfield, Rugeley & Tamworth Banking Company .	National Provincial Bank	Nov. 1835	. 1838
3. Newport — Isle of Wight Banking Com- pany	Ditto	May, 1842	. 1844
4. Norwich—Norwich & Norfolk Bank . . .	East of England Bank	Mar. 1827	. 1836
5. Stockton—Stockton & Durham County Bank	National Provincial Bank	Dec. 1838	. 1846

Two joint-stock banks have failed in the Isle of Man.

1. The Isle of Man Joint-stock Bank. This bank was formed on the private bank of Messrs. Forbes & Co. They were largely in debt to their London agent, and their affairs have led to much litigation.

2. The Isle of Man Commercial Banking Company. The business of this bank has been taken up by the City

of Glasgow Bank, who have opened a branch in the island —called the Bank of Mona—under the management of Mr. John Stanway Jackson, who was formerly manager of the Manchester and Liverpool District Bank.

The following are the provisions of the Act 7 & 8 Vict. c. 113, passed in 1844, to regulate Joint-stock Banks in England :—

No Joint-Stock Bank established after 6th May last to carry on business unless by virtue of Letters Patent granted according to this Act ; but Companies previously established not restrained from carrying on business until Letters Patent have been granted.

“ Whereas the laws in force for the regulation of co-partnerships of bankers in England need to be amended : Be it enacted by the Queen’s most excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, That it shall not be lawful for any company of more than six persons to carry on the trade or business of bankers in England, after the passing of this Act, under any agreement or covenant of co-partnership made or entered into on or after the sixth day of May last passed, unless by virtue of letters patent to be granted by her Majesty according to the provisions of this Act ; but nothing herein contained shall be construed to restrain any such company established before the said sixth day of May, for the purpose of carrying on the said trade or business of bankers in England, from continuing to carry on the same trade and business as legally as they might have done before the passing of this Act, until letters patent shall have been granted to them severally on their application, as hereinafter provided, to be made subject to the provisions of this Act.

Company to Petition for Charter.

“ II. And be it enacted, That before beginning to exercise the said trade or business every such company shall present a petition to her Majesty in council, praying that her Majesty will be graciously pleased to grant to them letters patent under this Act ; and every such petition shall be signed by seven at least of the said company, and shall set forth the following particulars ; (that is to say,) —

“ First, The names and additions of all the partners of the company, and the name of the street, square, or other place, where each of the said partners reside.

“ Second, The proposed name of the bank.

“ Third, The name of the street, square, or other local description of the place or places where the business of the bank is to be carried on.

“ Fourth, The proposed amount of the capital stock, not being in any case less than one hundred thousand pounds, and the means by which it is to be raised.

“ Fifth, The amount of capital stock then paid up, and where and how invested.

“ Sixth, The proposed number of shares in the business.

“ Seventh, The amount of each share, not being less than one hundred pounds each.

Charter to be granted on Report of Board of Trade.

“ III. And be it enacted, That every such petition shall be referred by her Majesty to the Committee of Privy Council for Trade and Plantations ; and so soon as the Lords of the said committee shall have reported to her Majesty that the provisions of this Act have been complied with on the part of the said company, it shall thereupon be lawful for her Majesty, if her Majesty shall so think fit, with the advice of her Privy Council, to grant the said letters patent.

Deed of Settlement.

“ IV. And be it enacted, That the deed of partnership of every such banking company shall be prepared according to a form to be approved by the Lords of the said committee, and shall, in addition to any other provisions which may be contained therein, contain specific provisions for the following purposes ; (that is to say,) —

“ First, For holding ordinary general meetings of the company once at least in every year, at an appointed time and place.

“ Second, For holding extraordinary general meetings of the company, upon the requisition of nine shareholders or more, having in the whole at least twenty-one shares in the partnership business.

“ Third, For the management of the affairs of the company, and the election and qualification of the directors.

“ Fourth, For the retirement of at least one-fourth of the directors yearly, and for preventing the re-election of the retiring directors for at least twelve calendar months.

“ Fifth, For preventing the company from purchasing any shares, or making advances of money, or securities for money, to any person on the security of a share or shares in the partnership business.

“ Sixth, For the publication of the assets and liabilities of the company once at least in every calendar month.

“ Seventh, For the yearly audit of the accounts of the company, by two or more auditors, chosen at a general meeting of the shareholders, and not being directors at the time.

“ Eighth, For the yearly communication of the auditors’ report, and of a balance-sheet, and profit and loss account, to every shareholder.

" Ninth, For the appointment of a manager, or other officer to perform the duties of manager.

" And such deed, executed by the holders of at least one half of the shares in the said business, on which not less than ten pounds on each such share of one hundred pounds, and in proportion for every share of larger amount, shall have been then paid up, shall be annexed to the petition; and the provisions of such deed, with such others as to her Majesty shall seem fit, shall be set forth in the letters patent.

No Company to commence Business till Deed executed and all the Shares subscribed for, and at least Half the Amount paid up.

" V. Provided always, and be it enacted, That it shall not be lawful for any such company to commence business until all the shares shall have been subscribed for, and until the deed of partnership shall have been executed, personally or by some person duly authorized by warrant of attorney to execute the same on behalf of such holder or holders, by the holders of all the shares in the said business, and until a sum of not less than one half of the amount of each share shall have been paid up in respect of each such share; and it shall not be lawful for the company to repay any part of the sum so paid up without leave of the Lords of the said committee.

Company to be Incorporated.

" VI. And be it enacted, That it shall be lawful for her Majesty in and by such letters patent, to grant that the persons by whom the said deed of partnership shall have been executed, and all other persons who shall thereafter become shareholders in the said banking business, their executors, administrators, successors, and assigns respectively, shall be one body politic and corporate, by such name as shall be given to them in and by the said letters patent, for the purpose of carrying on the said banking business, and by that name shall have perpetual succession and a common seal, and shall have power to purchase and hold lands of such annual value as shall be expressed in such letters patent; and such letters patent shall be granted for a term of years, not exceeding twenty years, and may be made subject to such other provisions and stipulations as to her Majesty may seem fit.

Incorporation not to limit the Liability of the Shareholders.

" VII. Provided always, and be it enacted, That notwithstanding such incorporation the several shareholders for the time being in the said banking business, and those who shall have been shareholders therein, and their several executors, administrators, successors, and assigns, shall be and continue liable for all the dealings, covenants, and undertakings of the said company, subject to the provisions hereinafter contained, as fully as if the said company were not incorporated."

By the 48th section of this Act, "Every company of more than six persons carrying on the trade or business of bankers in England, shall be deemed a trading company within the provisions of an Act passed in this session of Parliament, intituled 'An Act for facilitating the winding up the affairs of Joint-stock Companies unable to meet their pecuniary engagements.' "

This Act is the 7 and 8 Vict. cap. 111, (September, 1844,) and it renders all joint-stock companies subject to the law of bankruptcy. No joint-stock bank has ever been made bankrupt. It is presumed, from the number of regulations prescribed by the Act, that the process of bankruptcy would, in the case of a banking company, be both tedious and expensive.

In the year 1848 an Act was passed (11 and 12 Vict. cap. 45,) to amend the Acts for facilitating the winding-up the affairs of joint-stock companies unable to meet their pecuniary engagements, and also to facilitate the dissolution and winding-up of joint-stock companies and other partnerships. The legal title of this Act, to distinguish it from other Acts, is "The Joint-stock Companies' Wind-ing-up Act, 1848."

The object of this Act is to enable the directors of an insolvent company to compel the shareholders individually to pay their proportion of the loss. There was previously much difficulty in doing this. If all the nominal capital had been called up, the directors could make no further calls. In cases where they had the power of making calls these calls could not be enforced without an appeal to the Court of Chancery. It was therefore customary for the directors to "confess judgment" to some creditor, and this creditor brought actions against the refractory shareholders for the whole amount of his claim, but granted a release on receiving that sum which the shareholders ought justly to pay, in proportion to their shares.

By this Act the directors or any shareholder of a company that has stopped payment, may present a petition to the Lord Chancellor, or to the Master of the Rolls, in a summary way, for the dissolution and winding-up of the company. If the order be granted, it is referred to a Master in Chancery, who will appoint an official manager to wind up the affairs of the company. The official manager is to collect all the debts due to the company, and to pay all its creditors. With the consent of the Master he can make calls on the shareholders, for such amounts, and payable at such times, as the Master may direct. The company is to sue and be sued in the name of the official manager. The object of the Act, however, is rather to settle disputes and claims of the shareholders among themselves, than to protect them against their creditors. Clause 58 has an especial provision with reference to this subject :—

Act not to affect Rights of Creditors nor existing Contracts.

“ LVIII. Provided always, and be it enacted, That, except as is by this Act expressly provided, nothing in this Act contained, nor any petition or order under the same for the dissolution and winding-up or for the winding-up of any company, shall extend or enlarge, diminish, prejudice, or in anywise alter or affect the rights or remedies of creditors, or other persons not being contributories of the company, or the rights or remedies of creditors being also contributories, but being creditors of the company upon a distinct and independent account, whether against the company or against any of the contributories of the same, nor the rights or remedies of the company against any contributories or other persons, nor shall alter or affect any contracts or engagements entered into by or with the company, or any person acting on behalf of the same, previously to any such petition, nor any actions, suits, or other proceedings pending at the date of such petition.”

SECTION VI.

THE BANKS OF SCOTLAND.

IN this Section we shall consider the following topics :--

- I. The Law of Scotland with reference to Banking.
- II. The Existing Banks of Scotland.
- III. A Comparison between the Banks of Scotland and those of England.
- IV. The Laws of the Currency with reference to Scotland.
- V. Those operations of the Scotch Banks that refer to the System of Cash Credits, Interest on Deposits, Remittances to India, and the settlement of the Exchanges.
- VI. The Exchange Banks and Exchange Companies.

I.—*The Law of Scotland with reference to Banking.*

The general provisions of the law of Scotland bearing upon this subject, are calculated to promote the solidity of banking establishments.

1. There is no limitation to the *number* of partners.
2. The *private fortune* of every partner is answerable for the debts of the bank.
3. *Land*, as well as other property, *may be attached* for debt.

4. In Scotland *all land is registered*; so it is easy for any individual, by referring to the records, to ascertain what landed property is possessed by the partners of the bank, and also whether or not it be mortgaged. The following is the language of the Report of the Committee of the House of Commons, appointed in 1826 to consider the expediency of abolishing all notes under 5*l.* :—

“ There is no limitation upon the number of partners of which a banking company may consist; and, excepting in the case of the Bank of Scotland, and the two chartered banks, which have very considerable capitals, the partners of all banking companies are bound jointly and severally, so that each partner is liable to the whole extent of his fortune for the whole debts of the company.

“ A creditor in Scotland is empowered to attach the real and portable, as well as the personal estate of his debtor, for payment of personal debts, among which may be classed debts due by bills and promissory notes; and recourse may be had for the procuring payment to each description of property at the same time. Execution is not confined to the real property of a debtor merely during his life, but proceeds with equal effect upon that property after his decease.

“ The law relating to the establishment of records gives ready means of procuring information with respect to the real and heritable estate of which any person in Scotland may be possessed. No purchase of an estate in that country is secure until the seisin (that is, the instrument certifying that actual delivery has been given) is put on record; nor is any mortgage effectual until the deed is in like manner recorded.

“ In the case of conflicting pecuniary claims upon real property, the preference is not regulated by the date of the transaction, but by the date of its record. These records are accessible to all persons; and thus the public can with ease ascertain the effective means which a banking company possesses of discharging its obligations, and the partners in that company are enabled to determine with tolerable accuracy, the degree of risk and responsibility to which the private property of each is exposed.

“ There are other provisions of the law of Scotland, which it is not necessary minutely to detail, the general tendency of which is the same with those above-mentioned.”

The following Acts of Parliament have been passed in reference to banking in Scotland :—

“ The first notice of banking in Scotland which occurs in the statutory book, is an Act of King William the Third, passed in the year 1695,

under which the Bank of Scotland was established. By this Act an exclusive privilege of banking was conferred upon that bank, it being provided, ‘that for the period of twenty years from the 17th July, 1695, it should not be lawful for any other person to set up a distinct company or bank within the kingdom of Scotland, besides those persons in whose favour this Act was granted.’ No renewal of the exclusive privilege took place after the expiration of the twenty-one years.

“The Bank of Scotland first issued notes of 20s. in the year 1704; but the amount of notes in circulation previous to the Union was very limited.

“The Bank of Scotland continued the only bank from the date of its establishment in 1695, to the year 1727.

“In that year a charter of incorporation was granted to certain individuals named therein, for carrying on the business of banking under the name of the Royal Bank; and subsequent charters were granted to this establishment, enlarging the capital, which now amounts to one million and a half.

“An Act passed in the year 1765, is the first and most important Act of the Legislature, which regulates the issue of promissory notes in Scotland.

“It appears from its preamble, that a practice had prevailed in Scotland, of issuing notes which circulated as specie, and which were made payable to the bearer on demand, or payable at the option of the issuer at the end of six months, with a sum equal to the legal interest from the demand to that time.

“The Act of 1765 prohibits the issue of notes in which such an option as that beforementioned is reserved to the issuer. It requires that all notes of the nature of a bank note, and circulating like specie, should be paid on demand; and prohibits the issue of any promissory note of a sum less than 20s.

“With respect to the issue of promissory notes in England, an Act was passed in 1775, prohibiting the issue of any such notes under the sum of 20s. And in the year 1777, restraints were imposed by law on the issue of notes between the sum of 20s. and 5*l.*, which were equivalent to the prohibition of such notes circulating as specie.

“In the year 1797, when the restrictions as to payments in cash were imposed upon the Bank of England, the provisions of the Act of 1777, with regard to the issue of notes between 20s. and 5*l.*, were suspended. By an Act passed in the third year of his present Majesty, the suspension was continued until the 5th of January, 1833; but now stands limited by an Act of the present session to April 5, 1829.”

“The general result of the laws regulating the paper currency in the two countries is this:—

“That in Scotland, the issue of promissory notes payable to bearer on

demand for a sum of not less than 20*s.* has been at all times permitted by law, nor has any Act been passed limiting the period for which such issue shall continue legal in that country. In England, the issue of pro-missory notes for a less sum than 5*l.* was prohibited by law from the year 1772 to the period of the bank restriction in 1797. It has been permitted since 1797; and the permission will cease as the law at present stands, in April 1829."

The Act which now regulates the issue of bank notes in Scotland is 8 & 9 Vict. c. 38, passed in the year 1845.

By this Act, the power of issuing notes is confined to those banks that issued notes in the year preceding the 1st day of May, 1845. And the amount to which each bank may issue is not to exceed the average amount of notes it had in circulation during the year ending the 1st of May, 1845, and the amount of gold or silver coin it may at the time have in possession at the head office or principal place of issue, in the proportion that the silver shall not be more than one-fourth the amount of the gold.

This Act was to come into operation on the 6th day of December, 1845. After which day each banker is to make weekly returns to the Stamp-office of his notes in circulation, and of the gold and silver coin on hand; and the averages of four weeks are to be published in the *London Gazette*, with a certificate from the commissioner as to whether the bank has held the amount of coin required by this Act.

All banks, except the Bank of Scotland, the Royal Bank of Scotland, and the British Linen Company, are required to send to the Stamp-office, between the 1st and 15th days of January inclusive, the names of all their partners, which shall be published by the 1st day of March following in some newspaper circulating within each town or county respectively in which the head office or principal place of issue of such bank is situated.

Bank of England notes are not to be a legal tender in Scotland.

In the Acts of Parliament passed in 1844 and 1845 for Regulating Banks of Issue in England and in Scotland, we may observe the following differences :—

1. The maximum of the circulation in England is the average of the twelve weeks ending the 27th of April, 1844. The maximum in Scotland is the average of the year ending the 1st day of May, 1845.

2. The English banks are not, under any circumstances, allowed to exceed the fixed limit. The Scotch banks are allowed to exceed their limit, provided they hold in their coffers at the head office an amount of gold and silver equal to such excess.

3. In England, should two joint-stock banks of issue effect a junction, the circulation of one of them would be forfeited,* and the united bank could issue only to the amount which the other bank had previously issued. In Scotland, the United Bank is allowed to issue to the amount of the two circulations added together.

4. In Scotland, notes under 5*l.* are still permitted. In England, notes under 5*l.* are still prohibited. "

II.—*The Existing Banks of Scotland.*

The following Table, which I constructed from the parliamentary evidence of 1826, contains an account of the

* There is no express provision in the English Act with reference to the junction of two joint-stock banks. We consider that only one of the banks would lose its issue, *provided* the continuing bank retained its original title, so as not to create a new bank. But if by the union a new bank should be formed, then both the banks would lose their issues. In the same way, we think that the union of an issuing and a non-issuing bank would cause no change in the issue. But then the new bank must retain the title of the old issuing bank. Its right of issue would not be effected by taking new directors or new shareholders.

number of the banks in Scotland—the name of the firm or bank—date of its establishment—place of the head office—number of branches—number of partners, and the name of the London agents :—

Names of Firms or Banks.	Head Office.	No. Branch	£. rs.	London Agents.
Bank of Scotland	1693 Edinburgh	16	chart.	Coutts & Co.
Royal Bank of Scotland.....	1727 Ditto	1	ditto	Bank Eng. & ditto.
British Linen Company	1746 Ditto	27	ditto	Smith, Payne & Co.
Aberdeen Banking Company	1767 Aberdeen..	6	80	Glyn & Co.
Aberdeen Town & Country Bank.....	1825 Ditto	4	446	Jones, Loyd & Co.
Arbroath Banking Company	1825 Arbroath..	2	112	Glyn & Co.
Carrick & Company, or Ship Bank.....	1749 Glasgow ...		3	Smith, Payne & Co.
Commercial Banking Com- pany of Scotland	1810 Edinburgh	31	521	Jones, Loyd & Co.
Commercial Banking Com- pany	1778 Aberdeen. none			Kinloch & Sons.
Dundee Banking Company..	1777 Dundee.... none	61		Kinloch & Sons.
Dundee New Bank	1802 Ditto	1	6	Ransom & Co.
Dundee Commercial Bank..	1825 Ditto.... none		202	Glyn & Co.
Dundee Union Bank	1809 Ditto	4	85	Glyn & Co.
Exchange & Deposit Bank...	... Edinburgh ...		1	
Falkirk Banking Company..	1787 Falkirk ...	1	5	Remington & Co.
Fife Banking Company	1802 Cupar, Fife ...		39	(discontinued 1825
Greenock Banking Company	1785 Greenock..	3	14	Kay & Co.
Glasgow Banking Company..	1809 Glasgow ...	1	19	(Ransom & Co. & Glyn & Co.)
Hunters & Co.	1773 Ayr	3	8	Herries & Co.
Leith Banking Company.....	1792 Leith	4	15	Barnett & Co.
National Bank of Scotland...	1825 Edinburgh	8	1,238	Glyn & Co.
Montrose Bank	1814 Montrose..	2	97	Barclay & Co.
Paisley Banking Company..	1783 Paisley....	4	6	Smith, Payne & Co.
Paisley Union Bank	1788 Ditto	3	4	Glyn & Co.
Perth Banking Company ...	1766 Perth.....		147	Barclay & Co.
Perth Union Bank	1810 Ditto		69	Remington & Co.
Ramsay's, Bonar's & Co....	1738 Edinburgh| none		8	Coutts & Co.
Renfrewshire Banking Com- pany.....	1802 Greenock..		6	Kay & Co.
Shetland Bank	Lerwick ...		4	Barclay & Co.
Sir William Forbes & Co....	Edinburgh		7	(Barclay) (Coutts.)
Stirling Banking Company..	1777 Stirling	2	7	Kinloch & Sons.
Thistle Bank.....	1761 Glasgow ...| none		6	Smith, Payne & Co

Private Banking Companies, who do not Issue Notes.

Thomas Kinnear & Sons .	1748 Edinburgh	none	Smith, Payne & Co
Donald, Smith & Co.	1773 Ditto	none	Glyn & Co.
Robert Allen & Son.....	Ditto	none	Barclay & Co.
Alexander Allan & Co.....	1776 Ditto	none	Barclay & Co.

Since the year 1826 the following banks have been formed in Scotland :—

- | | Formed. |
|---|--------------|
| 1. The Glasgow Union Bank | April, 1830. |
| 2. The Ayrshire Banking Company, at Ayr | Nov. 1831. |
| 3. The Western Bank of Scotland, at Glasgow | Oct. 1832. • |
| 4. The Central Bank of Scotland, at Perth | April, 1834. |

			<i>Formed.</i>
5.	The North of Scotland Bank, at Aberdeen . . .		Oct. 1836.
6.	The Clydesdale Bank, at Glasgow		May, 1838.
7.	The Southern Bank of Scotland, at Dumfries . .		June, 1838.
8.	The Eastern Bank of Scotland, at Dundee . . .		Dec. 1838.
9.	The Edinburgh and Leith Bank		Dec. 1838.
10.	The Caledonian Bank, at Inverness		Feb. 1839.
11.	The City of Glasgow Bank		May, 1839.
12.	Glasgow Joint-stock Bank		Oct. 1840.
13.	The North British Bank, at Glasgow (not a bank of issue)		1844.
14.	The Exchange Bank of Scotland, at Edinburgh (not a bank of issue)		1845.

At present the following are the only banks of issue in Scotland:—

A TABLE, exhibiting the CAPITAL and other particulars of the BANKS OF ISSUE IN SCOTLAND, with the PRICE of their SHARES, as publicly quoted in December, 1848 (from the "Edinburgh Almanack") :—

Instituted.	NAME.	Partners.	Branches.	Paid-up Capital.	Dividend.		Share Paid.	Price.
					Rate.	Payable.		
1695	Bank of Scotland..	645	31	£ 1,000,000	7	April & Oct. ...	100	162 0 0
1727	Royal Bank.....	917	6	2,000,000	5	Jan. & July	100	118 0 0
1746	British Linen Company	233	43	500,000	8	June & Dec....	100	196 0 0
1810	Commercial Bank	565	47	600,000	7	Jan. & July	100	151 0 0
1825	National Bank	1,456	38	1,000,000	6½	Jan. & July	10	13 5 0
1829	Union Bank of Scotland.....	592	31	1,000,000	8	June & Dec....	50	77 0 0
1829	Edinburgh and Glasgow Bank	1,590	20	1,000,000	6	Feb. & Aug....	5	5 11 0
1767	Aberdeen Banking Company...	477	16	200,000	6	1 May & 1 Nov.	5	3 12 6
1825	Aberdeen Town & County Bank	509	12	250,000	7½	March & Sept.	5	6 4 0
1836	North of Scotland Banking Comp.)	1,650	33	380,955	4	May & Nov. ...	5	3 5 0
1763	Dundee Banking Company	61	1	60,000	8½	March.....	60	80 0 0
1838	Eastern Bank of Scotland.....	460	3	124,020	6	May & Nov. ...	10	9 10 0
1832	Western Bank of Scotland.....	1,167	60	1,708,450	8	July & Dec....	50	70 0 0
1838	Clydesdale Banking Company	1,355	12	807,380	6½	Feb. & Aug....	10	12 4 6
1839	City of Glasgow Bank	1,068	12	1,000,000	6	Feb. & Aug....	10	10 17 6
1838	Caledonian Banking Company...	903	8	125,000	8	August	2½	4 0 0
1766	Perth Banking Company	182	3	100,050	8	July	100	150 0 0
1834	Central Bank of Scotland...	405	5	56,275	8	September.....	25	37 0 0
		14,235		11,912,136				

* Thus we find that, although there were thirty-two banks of issue existing in Scotland in the year 1826, and twelve more banks of issue have since been formed, yet the present number of issuing banks is only eighteen. It may also be observed, that out of the four non-issuing private banks in Edinburgh, only one remains. It will be interesting to trace the changes that have taken place in the Scottish banks since the year 1826.. In the following Table the figures refer to the numbers in the Table at p. 543.

Changes in Scottish Banks since 1826.

No.		
6.	Arbroath Banking Company . . .	{ Merged in Commercial Bank of Scotland.
9.	Commercial Bank of Aberdeen . . .	{ Merged in National Bank of Scotland.
10.	Dundee Banking Company } joined . . .	Are now Dundee Bank.
11.	Dundee New Bank . . .	
12.	Dundee Commercial Bank . . .	{ Merged in Eastern Bank of Scotland.
13.	Dundee Union Bank . . .	{ Merged in Western Bank of Scotland.
14.	Exchange & Deposit Bank . . .	Failed.
15.	Falkirk Banking Company . . .	Wound up.
16.	Fife Banking Company . . .	Failed ; paid in full.
17.	Greenock Banking Company . . .	Merged in Western Bank.
18.	Glasgow } joined . . .	{ Afterwards joined Union Bank of Scotland.
7.	Ship . . .	
19.	Hunters & Co. Ayr . . .	Ditto.
20.	Leith Bank . . .	Failed.
22.	Montrose Bank . . .	Wound up.
23.	Paisley Bank . . .	{ Merged in British Linen Company.
24.	Paisley Union Bank . . .	{ Merged in Union Bank of Scotland.
26.	Perth Union Bank . . .	Wound up.
27.	Ramsay, Bonar & Company . . .	Ditto.
28.	Renfrewshire Banking Company . . .	Failed.
29.	Shetland Bank . . .	Ditto.
30.	Sir W. Forbes, J. Hunter & Co. . .	Joined with Union Bank
31.	Stirling Bank . . .	Suspended ; paid in full.
32.	Thistle Bank . . .	Merged in Union Bank.

Non-Issuing Private Banks.

Thomas Kinnear & Sons }	{ United under the firm of Donald Smith & Co.	Kinnear, „Smiths & Co. and afterwards failed.
R. Allan & Son		Failed.
Alexander Allan & Co.		{ Continue in business as for- merly.

Of the Banks formed since 1826 :—

The Glasgow Union Bank joined, in 1844, the private bank, at Edinburgh, of Sir William Forbes & Co.; and afterwards took the title of the Union Bank of Scotland.

The Edinburgh and Leith Bank, and

The Glasgow Joint-stock Bank, united in 1844, and formed a new bank, called the Edinburgh and Glasgow Bank.

The Ayrshire Banking Company merged in the Western Bank of Scotland.

The Southern Bank of Scotland became, in 1842, the Dumfries Branch of the Edinburgh and Leith Bank.

From this statement it will appear that the Union Bank of Scotland embraces the following banks :—

- 1. The Glasgow Union Bank. Formed since 1826.
- 2. The Paisley Union Bank. No. 23 in the first table.
- 3. Glasgow Banking Company. No. 18.
- 4. Carrick & Company, or Ship Bank, Glasgow. No. 7.
- 5. Sir William Forbes & Co. No. 30.
- 6. Thistle Bank, Glasgow. No. 32.
- 7. Hunters & Co. Ayr. No. 19.

The Western Bank of Scotland also embraces several original banks :—

- 1. The Western Bank of Scotland. Formed since 1826.
- 2. The Dundee Union Bank. No. 13.
- 3. Greenock Banking Company. No. 17.
- 4. The Ayrshire Banking Company. Formed since 1826.

The Edinburgh and Glasgow Bank is formed of three banks :—

- The Edinburgh and Leith Bank.
- The Southern Bank of Scotland, at Dumfries.
- The Glasgow Joint-Stock Bank.

* The banks that have failed or wound up since 1826 are the following :—

1. Exchange & Deposit Bank, Edinburgh. No. 14.
2. Fife Banking Company. In 1825, No. 16.
3. Leith Banking Company.. No. 20.
4. Renfrewshire Banking Company, Greenock. No. 28.
5. Montrose Bank. No. 22.
6. Perth Union Bank. No. 26.
7. Ramsay's, Bonar's & Co. Edinburgh. No. 27.
8. Shetland Bank. No. 29.
9. Stirling Bank. No. 31.

From this account it will appear that out of the thirty-two banks contained in my list of 1826 only nine remain. These are the following :—

1. The Bank of Scotland. No. 1.
2. The Royal Bank of Scotland. No. 2.
3. The British Linen Company. No. 3.
4. The Aberdeen Banking Company. No. 4.
5. Aberdeen Town & County Bank. No. 5.
6. Commercial Bank of Scotland. No. 8.
7. Dundee Banking Company. No. 10 and No. 11.
8. National Bank of Scotland. No. 21.
9. Perth Banking Company. No. 25.

Most of the banks that have ceased to exist were banks having only a few partners, and their capital was unknown. The banks that have since been formed have many partners, and generally a large amount of capital. It was probably in consequence of the greater strength of the new banks that the old ones found it expedient to discontinue business. The change has doubtless been for the advantage of the public, and it has taken place without being attended with any inconvenience or excitement. Indeed, we think that in all cases where the law leaves banking free, the effect is to reduce the number of banks. We are aware that the general impression is the reverse.

“ The argument presumes, that in case of free bank-

ing the number of banks would be very great. Are we justified in supposing that this would be the case? Theory exclaims, ‘Yes;’ experience whispers, ‘No.’ The numerous banks in America are not the result of free trade, but are the result of the Acts of the Legislature. The State Legislatures have thought proper to give a large number of charters, and of course there is a large number of banks. Had the charters been fewer, and required higher paid-up capitals, the banks would have been larger and more respectable. The number of banks in England, too, have been the result of the interference of the Legislature. In the renewal of the charter of the Bank of England in 1708 it was enacted, that no other bank having more than six partners should have the privilege of issuing notes. As the growing trade and wealth of the country required banks of some sort, and as banks having more than six partners could not be formed, a great number of banks, each not having more than six partners, rose into existence as they were required by the increasing trade and wealth of the country. Hence, instead of having a small number of large banks, we have had a large number of small banks.

“ If we look to Scotland, where banking has been free, we find that the total number of private and joint-stock banks is only twenty-eight.* Banking has been free beyond fifty miles from Dublin for the last fifteen years, yet throughout that district there are only five banks of issue, with the exception of the Bank of Ireland. In England, where there has been, as we are told, a frenzy in their favour, the joint-stock banks of issue are only ninety-one,† and probably they would have been less numerous

* This was written in the year 1840. The present reduced number of banks strengthens our argument.

† At present, sixty-six.

.had not the law excluded them from London. The capital which has been embarked in a number of small local banks would have been invested in large London establishments, and the place of the local banks would have been occupied by branches of the London banks. From these facts, it seems fair to infer that some of the small joint-stock banks, and many of the private banks, will, in the course of the next twenty years, be merged in larger establishments. The supposition that unlimited freedom of banking would lead to the establishment of an inconvenient multitude of banks is wholly unsupported by the testimony of experience.”*

The existing Banks in Scotland are thus distributed :—

Edinburgh is the head quarters of the following banking institutions :—

1. The Bank of Scotland.
2. The Royal Bank of Scotland.
3. The British Linen Company.
4. The Commercial Bank of Scotland.
5. The National Bank of Scotland.
6. The Edinburgh & Glasgow Bank.

All these banks issue notes, and have branches. The first five have charters. The charters of No. 4 and No. 5 are comparatively of recent date, and do not limit the liability of the shareholders.

The Exchange Bank of Scotland :—This bank has a charter under the Act of 1814 (7 & 8 Vict. c. 32.) It does not issue notes, and has no branches.

Glasgow is the head quarters of the following banks :—

1. The Union Bank of Scotland.
2. The Western Bank of Scotland.
3. The Clydesdale Bank.
4. The City of Glasgow Bank.

* *Currency and Banking*, by J. W. Gilbart, p. 45 ; reprinted from the Westminster Review.

The North British Bank, at Glasgow, does not issue notes, and has no branches. Its capital has been reduced from 233,270*l.* to 156,520*l.* by the purchase of its own shares. These purchases have been carried to the “ Reserved Fund Account.”

Dundee is the head quarters of three banks, Aberdeen of three, Perth of two, and Inverness of one. All the other places in Scotland have only branches. Branches of other banks are also established in Edinburgh, Glasgow, Dundee, Aberdeen, Perth, and Inverness, besides the banks whose head offices are in those places.

III.—A Comparison between the Banks of Scotland and those of England.

The differences between the English and the Scotch banks are the following :—

1. The Scotch banks are all joint-stock banks. In England there is a mixture of joint-stock and private banks.
2. The Scotch banks are nearly all banks of issue. In England there are many, both private and joint-stock banks, that are not banks of issue.
3. The Scotch banks generally have branches. In England most of the private banks, and some of the joint-stock banks, have no branches.
4. The Scotch banks universally grant interest on the balance of current accounts—a practice not universally adopted in England, especially in London.
5. The mode of making advances by way of “cash credit” is general in Scotland, but very rare in England.

We may also observe some other differences, chiefly of a business character, which have an important bearing on the interest of the community.

1. The banks of Scotland have generally a large paid-up capital.

" Two great errors appear to have been committed in the formation of joint-stock banks in England, and, until these are remedied, such establishments can hardly expect to reach a higher degree of importance or credit than is attainable by a wealthy private bank. These evils are, in the first place, too small a capital relatively to the extent of business undertaken; and, in the next place, the circumstance of the issues of the joint-stock banks being left uncontrolled by any effective system of exchange."

" The advantage of a small capital in banking is, that it enables the establishment, if at all successful in business, to pay a large dividend. The profits of banking depend, in a great measure, on the amount of deposits and circulation, and according as these are great or small compared with the extent of the capital, will the company be enabled to divide a larger or smaller dividend. It therefore becomes the obvious policy of those establishments, the managers of which conceive that the success of a bank is proved by the early payment of a high dividend, to keep the capital of the company within the narrowest possible limits. This system has been carried to the utmost extreme in England; and hence, although large dividends have been paid to the shareholders, there has been no corresponding increase of confidence on the part of the public.

" The Scotch banks, on the other hand, have pursued a directly opposite course. Their object has been to secure public confidence by the extent of their capital, and they have continued to pay moderate dividends to their shareholders, until justified in augmenting them by years of success, and a large accumulated sinking-fund. So well, indeed, is this system understood, and so completely has it attained its purposes, that the slightest appearance of improvidence displayed by a Scotch joint-stock bank, in fixing the amount of its dividend, has been invariably attended with a decrease of the public confidence in the stock of the establishment. In this manner public confidence has been secured, the value of Scotch bank stock has risen in the market, and the shareholders have received their extra profits as a *bonus*, or in the increased value of their own shares. Thus, instead of being looked upon as establishments aiming at the ephemeral advantage of making a large dividend, for stock-jobbing or temporary purposes, our banks have almost invariably assumed the character of permanent national establishments, identified with the prosperity of the country, and, by means of their small-note circulation, conferring benefit on, as well as obtaining the confidence of, every class in the community."*

* " Letter to James William Gilbart, Esq. on the Relative Merits of the English and Scotch Banking Systems; with Practical Suggestions for the Consolidation of the English Joint-stock Banking Interest. By

The eighteen banks in Scotland have a paid-up capital of 11,912,130*l.*, making an average to each bank of 661,785*l.* The number of places of issue (banks and branches) is 403, making an average of capital to each place of 29,558*l.* The authorized circulation for Scotland is 3,087,209*l.*, making an average to each place of issue of 7,660*l.*

The ninety-nine joint-stock banks of England have a paid-up capital of about 14,000,000, making an average to each bank of about 140,000*l.* The joint-stock banks and branches in England are 513, making an average of capital to each place of about 27,290*l.*

The sixty-six joint-stock banks of issue in England have a paid-up capital of about 6,000,000*l.*, making an average capital of about 91,000*l.* The number of places of issue, banks and branches, is 407, making an average of capital to each place of about 15,000*l.* The authorized issue is 3,409,987*l.*, making an average of about 8,378*l.* to each place of issue.

There are 181 private country banks in England, issuing notes at 375 places. Their authorized issue is 4,822,488*l.*, making an average to each bank of 26,200*l.*, and of 12,860*l.* to each place of issue. The capital of these banks is unknown.

It is operating on his current account, it is not the general practice in Scotland for a customer to draw cheques on the bank for his individual payments, nor to accept bills payable at the bank. If he has to make twenty payments in the course of the day he will go to the bank in the morning, and draw out in one sum a sufficient amount of notes to make all these payments. On the other hand, if a customer should receive money from twenty different people in the course of the day, he

Robert Bell." Mr. Bell is now manager of the City of Glasgow Bank, at Edinburgh; and was examined in 1848, as a witness before the Committee of the House of Commons on Commercial Distress.

.will not receive cheques, as there are none in circulation, but bank notes, which at the close of the day he will pay in one sum into the bank. In England, all these receipts and payments would be made in cheques, each having probably odd shillings and pence. From this cause, the trouble and expense to a bank of conducting a current account is much greater in England than in Scotland.

A few years ago an attempt was made to form a bank, to be called the Dunedin Bank of Scotland. One of the advantages it held out to the public was the adoption of the English system of drawing cheques for individual payments. The advantages of this system are pointed out in the following terms :—

“ Another prominent feature of the proposed institution, is the proposal to take in and pay out for customers ‘any sum, however small.’ Though troublesome to the bank, such a measure must be of incalculable convenience to parties dealing with it. Here, again, there is nothing absolutely new, as such a practice must, more or less, exist wherever there are cash accounts, forming, as it does, the essential element of these transactions. In the Dunedin Bank it is intended to extend the principle to its widest limit; in which case only its fullest benefits can be felt. Most banks are unwilling to arrange transactions of trifling amount, and, in consequence, their customers cannot follow up any determinate method of settling their accounts in that way. Without a universal and indiscriminate system of payment, however inconsiderable they may be, it is obvious that the practice of honouring larger drafts—and those only for sums of so many pounds in exact number—the operation of settling accounts in this manner is at best of a mixed description, and does not afford the whole advantages to be derived from it. Were the principle adopted in its full extent, the bank would, in reality, become general cashier for their customers; and the necessity of having money in hand for the purpose of meeting every-day expenses, would be in a great measure superseded. A larger portion of funds would be, consequently, in deposit, bearing interest, and, at the same time, as ready for use as if in the coffer or pocket-book of its owner. By this means, likewise, a regular journal of receipt and expenditure would be carried on without the slightest trouble on the part of the individual concerned, who, at the end of the year, or of the periodical balancing of accounts, would find an authentic record of his ordinary transactions. Here, too, he would find the vouchers for the payments he had made;

and would be under no apprehension of being called upon in repetition of payment through any loss of his receipts. To insure accuracy, both in regard to small cash payments and calculations of interest, it is contemplated to institute a farthing column in the books of the Dunedin Bank, in order that sums may be computed with greater minuteness and precision. As much inconvenience and trouble will be necessarily incurred by the adoption of this plan, it is proposed to meet the additional expense by a small tax upon the transactions themselves; and it is calculated that the trifling commission of a halfpenny upon each single payment and entry, or 4*s.* 2*d.* upon the hundred, will afford sufficient remuneration for the increase of labour. Should this fee be found too small to remunerate, or to guard sufficiently against the abuse of the privilege, it will, of course, be easy for the bank to increase the charge—say to one penny, or more—on each transaction."

3. The system of numerous branches leads to uniformity all over Scotland in the terms on which business is transacted in the banks.

From the small number of banks that existed for many years in Scotland, and from the circumstance that the head offices of most of these banks were fixed at Edinburgh, it was easy for them to form arrangements among themselves for the regulation of their business. Hence arose a uniformity of practice among all the banks, and throughout the whole of Scotland.

This uniformity of practice does not exist in England. The system of London banking is different from that in the country. And the banking of one district differs from that of another district. It would be difficult to produce any general union in England, even among the joint-stock banks. There is a difference in the character of their localities. Their head offices are too wide apart to admit of frequent personal communication. And it may be feared that among the joint-stock banks of England there is not enough of that *esprit du corps* which is essential to the existence of a general confederation.

There is, however, considerable competition among the banks of Scotland. This rivalry, however, does not lead

to transacting business on lower terms. Indeed these terms are always very moderate. The difference between the rate of interest allowed and charged is rarely more than one per cent. No commission is charged on current accounts; and it is only recently, we believe, that commission has been charged on the amount (not the operations) of cash credits. Sometimes the banks at Glasgow, when there is a great demand for capital, have been disposed to grant a higher rate of interest than the banks of Edinburgh. But this difference has soon been arranged. The provincial banks, too, have carried on a strong opposition against the branches of the Edinburgh banks. The late Thomas Kinnear, Esq., when asked what had led to the discontinuing of some branches of the Bank of Scotland, replied—

“ With respect to those that are beyond my memory, I cannot say what was the cause; but those that have been given up within my recollection, in point of fact, were given up in consequence of the town in which that branch had originally been established, having accumulated wealth to such a degree, that it could afford a banking capital of its own, and that it had in point of fact established a local bank, then the connexion of that local bank went so strongly against us by fair competition, that we found we could employ our capital to better purpose elsewhere, and gave up the branch.”*

4. The system of numerous branches enables the banks of Scotland to transfer the surplus capital of the agricultural districts to the manufacturing and commercial districts, without going through the process of re-discounting their bills.

Some Scotch writers have considered it a reproach to the English banks that they re-discount their bills, and have boasted that, with rare exceptions, the practice of re-discount is unknown in Scotland. The accusation is made without due consideration. The system of branches

makes a difference in all banking arrangements. A bank in an agricultural district, say at Norwich, has a superabundance of money. A manufacturing town, say Manchester, has a demand for money. The bank at Norwich will send its money to a bill-broker in London. The bank at Manchester will send its bills to the same broker. A re-discount takes place. But let us suppose that the bill-brokering establishment should become the head office of a large bank, having one branch at Norwich, and another at Manchester. Then no re-discount will occur. The bills discounted at Manchester will never pass out of the possession of the bank. Nevertheless, the surplus funds at Norwich will be transferred to meet the wants of Manchester as effectually as before. This is an illustration of the branch system in Scotland. A bank at Edinburgh will have branches in both the agricultural and the manufacturing districts. Or a bank whose head office is in a manufacturing town, will have branches in the agricultural districts. Thus the surplus funds of Perth, Ayr, and Dumfries, are speedily transferred to be employed at Glasgow, Paisley, and Dundee. Were a bank to be established at Glasgow without branches, it would probably have occasion for discount at certain times, as well as the banks at Manchester or Leeds.

At the same time, we think this transfer of capital by means of branches is better than by means of re-discount. There is no occasion for the intermediate party, the bill-broker. The bills do not go out of the bank, so that men's transactions do not become known. The abuses connected with re-discount by fictitious bills are effectually prevented; and the bank can more readily regulate its advances in accordance with its means. To recur to our illustration:—The bank at Norwich may lose a large amount of its deposits; the bank of Manchester, knowing

nothing of this, may continue its advances in dependence upon receiving its usual re-discount. The check may at length come so suddenly that the Manchester bank may be placed in difficulty. Under the branch system, should any large amount of deposits be withdrawn from one branch, the bank would immediately limit its advances at the others. The advantage of this system on the approach of a pressure is obvious.

5. The system of numerous branches leads to more regularity and uniformity in the mode of making their exchanges :—

"The system of exchanges centres in Edinburgh. In that city a general exchange of the bank notes of all the banks of issue in Scotland takes place twice a week. This exchange is made alternately within the office, and under the superintendence of the Bank of Scotland and of the Royal Bank. On these exchange days, clerks from all the banks having establishments in Edinburgh assemble, bringing with them the notes which each bank has collected, not only in Edinburgh, but, by means of their branches, all over the country; and as the Edinburgh banks act as agents for the several provincial banks, and, as such, exchange or give value for their notes, the whole banking interest of Scotland, so far as concerns the exchange of notes, is represented in the '*Clearing-room*'."

"On these occasions a mutual exchange is made by the several clerks assembled, giving the notes of other banks which they hold, and taking their own in exchange. After this exchange of notes, a balance is struck, and each clerk hands over to the officer of the presiding bank a statement, showing the amount of the balances as between his own bank and each of the other establishments. The aggregate balance on this statement shows the result of the day's exchange as it affects each bank; and that balance will be for or against any given bank in the precise proportion in which its recent transactions have exceeded or fallen short of its emerging and available resources.

"The ultimate balance against every bank was formerly paid by a draft on London at ten days' date. But this mode of settlement having been found inconvenient, and having on one occasion led to considerable loss, in consequence of the failure of a private bank in Edinburgh, a different arrangement was then made, and is now acted upon. According to that arrangement, every Scotch bank of issue having an establishment in Edinburgh is bound to hold a certain *quota* of 1,000*l.* exchequer bills. This *quota* is proportioned to the average circulation of the particular

bank ; and with these exchequer bills the balances of exchange are paid, the fractional parts of 1,000/- being settled by 100/- Bank of England notes or gold.

" As the object of this system is to oblige each bank to hold a certain amount of tangible Government paper to meet any fluctuation and excess in its issues, the several banks are farther bound, under the general exchange arrangement, to sell or to buy exchequer bills to or from each other whenever the number of bills which any one bank holds exceeds one-third, or falls short in the same proportion, of the conventional *quota*. These purchases and sales of exchequer bills made from and to the banks reciprocally are settled for by the bank making the purchase, by a draft on London at five days' date, with a commission equivalent to the eight days which the draft has to run at the exchequer bill rate of interest. In order to prevent the risk of these mutual sales and purchases of exchequer bills being converted into stock-jobbing transactions, the purchases are made at par, and each bank holds its *quota*, in its own name, direct from Government, while the general supply of exchequer bills is kept in the circle by being specially marked as '*Edinburgh Exchange Exchequer Bills*'.

" Still farther to complete the control of the banking interests over these exchange arrangements, a statement is produced by each bank on every exchange day, showing the amount of exchequer bills which it holds. And it is only necessary to add, that these exchange regulations, which have been found so salutary in practice, are the result of mutual and voluntary concert among all the banks ; and although it may be said that they are not compulsory, yet in effect they are so, since any bank of issue refusing to accede to them would incur the risk of having its notes refused by the combined banks, which in Scotland would be tantamount to a suppression of the non-acceding bank as a bank of issue.

" In addition to these exchanges in Edinburgh, there are also exchanges made on the same days in Glasgow ; and the balances being advised by post to Edinburgh, are settled for next morning in the same manner by exchequer bills and Bank of England notes. So also, in order to save the trouble and risk of transmitting to Edinburgh or to Glasgow, notes collected by the different agents in the country, wherever there are two or more branch banks in the same town, their managers or agents exchange notes, and advise the state of balances to Edinburgh, when they are included in the next ensuing general exchange.

" What I have now said may be sufficient, without going into farther detail, to give a general idea of our system of exchanges. The Scotch banking interests have been mainly indebted, it is believed, for the complete organization of this system, to Mr. Blair, the Treasurer of the Bank of Scotland, one of the most talented of our Scotch bankers ; and

although in description it may appear complicated, nothing can be simpler or more satisfactory than its operation in practice; nor can any check be more efficacious.”*

The Scotch bankers are loud in their praises of the system of exchanges. And justly so. But they are in error when they suppose that nothing like it exists in England. We have shown that the country banks make their exchanges with each other, and pay the difference by a draft on London. These operations have the same effect as the exchanges in Scotland of withdrawing from circulation all the superfluous notes; that is to say, all the notes that come into the hands of the bankers. If it be true that notes remain out longer in circulation in England than in Scotland, it arises not from any difference in the system of exchanges, but from a difference in the habits of the people with regard to “keeping a banker.” If a Scotch banker issue 1,000*l.* of notes in the morning, he feels assured that these notes will be paid into some other bank in the course of the day. An English banker is not so sure. The party may not “keep a banker,” and he may then lock up the notes in a strong box for a week or ten days, until he have occasion to make a payment. We think it desirable that every man who has money should lodge it in a bank, not merely for interest, but for security; and therefore we approve of the Scotch practice. But it is this universal practice of having a banker, and not merely the system of exchanges, that withdraws notes so rapidly from circulation.

At the same time, it should be stated that the Scotch bankers are of opinion that our system of banking in England is chargeable with some portion of the blame. They say that as the English banks do not universally

* The Letter, already quoted, addressed to me by Mr. Bell.

allow interest on deposits and current accounts, the people have not the same inducement as in Scotland for placing their money in a bank. And as many banks charge commission on the operations of a current account, it is the interest even of those who keep bankers to pay away the notes they receive to other parties, rather than to lodge them to their credit with their banker. On this subject I may quote the following extract from the second letter addressed to me by Mr. Bell :*—

“ In Scotland we have adopted every means to concentrate the resources of the country in the hands of the banker. We allow a liberal rate of interest on deposits, while we not only encourage small capitalists and traders to open accounts with us, but we induce our customers to make frequent operations on their accounts, and the result is that every superfluous bank note is rapidly returned upon the issuer. The very opposite course is pursued in England; you allow no interest on deposits, you give no encouragement to small depositors, while you put a barrier in the way of your customers making frequent operations, by the charging a commission on the debit side of their accounts, the consequence of which is, that not only your paper but your gold currency stagnates in the hands of the public during times of prosperity, leaving the paper issues to be poured back upon the issuers in seasons of adversity, thus aggravating in no slight degree the severity of monetary pressures.”

Even were the keeping of a banker as general in England as in Scotland, the same system of exchanges could not be adopted. The Scotch system requires,—an equality, or an approach to it, among the several banks—that the head offices of these banks, generally, should be in the capital,—and that the banks should have numerous branches throughout the country. These circumstances do not exist in England. And, moreover, we have the Bank of England, whose notes are a legal tender. It is

* “ A Letter to J. W. Gilbart, Esq. on the Regulation of the Currency by the Foreign Exchanges, and on the Appointment of the Bank of England to be the sole Bank of Issue throughout Great Britain. By Robert Bell.”

obvious there can be no exchange of notes in places where, as in London, there is only one bank of issue. But the exchanges between English country banks are precisely upon the same principle as those in Scotland, and have similar effects. The differences are paid by drafts on London, payable on demand; and these drafts again pass through the clearing.

Another advantage ascribed to the Scotch system of exchanges is, the surveillance which, by this means, the large banks at Edinburgh are able to exercise over the smaller banks in the provinces. That this surveillance exists in Scotland, and that it has been exercised beneficially, we entertain no doubt. It is equally true that such a surveillance does not exist in England. But the system of exchanges is not the cause of this surveillance, it is merely the instrument. In Scotland, the banks being few, and all their head offices being at Edinburgh, they are able to confer together, and to fix on rules for their general government. With any inferior bank that refuses to comply with these rules they can refuse to exchange notes, and thus force it to compliance. In England, where the banks are numerous, and where their head offices are distant from each other, such a system cannot well be formed; and hence each bank is free from the control of other banks, and may pursue any course it pleases, however injurious to itself or to others, so long as it is able to make good its payments to the public. The banks at Edinburgh, too, by means of their numerous branches, have the earliest information of any irregular practice that may have been adopted by a local bank in the provinces;—But the large banks in London have comparatively but a very imperfect knowledge of the operations of either the private or the joint-stock banks that are scattered over the country.

From a want of this surveillance, banks in England have carried on business for years after they have been supposed to be insolvent. Hence they have gone on until their losses have not only absorbed the whole of their capital, but have required to replace them further demands to a large amount from their shareholders. In Scotland, these banks, if they could not be kept in the right path, would probably have been compelled to stop before they had wandered so widely. Banks, as we have seen, do sometimes fail in Scotland, but never under circumstances that shake the public confidence in the general banking institutions of the country.

6. The confidence placed in the banks of Scotland by the public renders them less exposed to inconvenience during a season of pressure.

When a pressure takes place in England, the first objects of suspicion are the banks. People that have money in their banker's hands draw it out, and hoard it. The bankers, knowing that they are liable to these demands, draw in their funds, and make provision accordingly. Hence the capital of the country is rendered dormant at the time when it is most required to be in a state of activity. Banks that issue notes are more liable than others to these sudden demands. But no such feeling exists at present in Scotland. And should the Act of 1845 have the effect of inoculating the people with the love of gold, and by this means place the banks in the same position during a pressure as the banks of England, it must be regarded as a national calamity.

On this subject, we again quote from the letter of Mr. Bell :—

“ Nor are these benefits, great as they are, the only advantages which we have derived from our system of banking. Our one-pound notes connect and familiarize every artizan and labourer in the country with

our banking establishments; and the implicit confidence in our paper currency thus created, and perpetuated by the general experience of the sufficiency of our banks, has on many occasions been remarkably illustrated. It is no exaggeration to say, that at this moment nine-tenths of the labouring classes of Scotland, if they had their choice, would prefer a one-pound note to a sovereign; and, as a consequence of this feeling of security, combined with a sense of the other advantages of the system, no one in Scotland can have forgotten the truly national stand, on behalf of our currency, which was made by rich and poor in the year 1825, when your English economists proposed to visit us with an injury similar to that which was in that year inflicted on England.

"With banking establishments thus pre-eminently possessed of national confidence, no mercantile convulsion has hitherto created any general run on our great joint-stock banks. It has been otherwise in England, where, in consequence of legislative enactments, the public have been taught to regard *gold and silver* as the only representatives of value. The bond of union between the banks and the mass of the people has thus been severed; and when a monetary crisis occurs, its consequences are incalculably more injurious. With us (though very rarely), runs have been occasionally made on particular banks; but it has been merely to withdraw a deposit from one bank to place it in another; or to exchange the notes of a suspected bank for the *notes* of one of our national joint-stock banks, the prevailing confidence in our paper currency remaining unshaken. In this way the disposable banking capital or resources remain in the aggregate unchanged; whereas with you the run is for *gold*; and the coin thus withdrawn from one bank is not redeposited in another, but hoarded till the panic is over, by which means the entire banking resources of the country are involved in the consequences of the temporary disaster; and this, too, at the very time when these resources are most needed."

IV.—*Laws of the Currency in Scotland.*

In Scotland the lowest point of the circulation is in March, and the highest in November. The advance, however, between these two points is not uniform—for the highest of the intervening months is May, after which there is a slight re-action; but it increases again until November, and falls off in December. The reason of the great increase in May and November is, that these are the seasons for making payments. The interest due on mortgages is then settled, annuities are then paid, the

country people usually take the interest on their deposit receipts, and the servants receive their wages. There are frequently large sums transferred by way of mortgage. It is the custom of Scotland to settle all transactions, large as well as small, by bank notes—not by cheques on bankers, as in London. It is remarkable that these monthly variations occur uniformly every year, while the amount of the circulation in the corresponding months of different years undergoes comparatively very little change.

A TABLE, showing the CIRCULATION OF ALL THE BANKS IN SCOTLAND on the last Saturday in March, July, and November, in the years 1834, 1835, 1836, 1837, 1838, and 1839.

	Number of Banks.	March.	July.	November.
1834	21	£ 2,834,627	£ 3,094,468	£ 3,497,795
1835	21	2,822,417	3,097,947	3,457,899
1836	21	2,934,292	3,222,142	3,657,431
1837	22	2,875,404	2,962,673	3,560,242
1838	23—4	2,811,377	3,060,199	3,688,410
1839	24—28	3,011,545	3,120,183	3,559,599

This table shows us, first, that the circulation of Scotland is at its lowest point in the month of March, is higher in July, and reaches its highest point in November. Secondly, in the corresponding months of different years there is but little difference in the amount of the circulation. We find that during a course of six years, the difference between the lowest and the highest circulation in the corresponding months is very trifling. Thirdly, the increase in the number of banks does not produce a corresponding increase in the amount of notes in circulation. In November, 1834, the number of banks of issue was twenty-one; by November, 1839, they had increased to twenty-eight; yet the circulation at the former period

was 3,497,795*l.*, and in the latter, 3,559,599*l.* Fourthly, these facts prove that the circulation of Scotland does not produce any effect upon prices, nor, consequently, upon the foreign exchanges. It is hardly necessary to adduce evidence in proof of the fact, that the prices of commodities do not go on increasing from March to November in every year; and if they do not, they cannot be regulated by the currency. Fifthly, this regularity in the circulation shows that it must be governed by some uniform laws, arising from the local circumstances or habits of the country; and this we think will always be the case where the banks are passive, and permit themselves to be operated upon by the wants of the trade and commerce carried on in their respective districts.*

That the laws of the currency in Scotland are the same since the passing of the Act of 1845 as before, is evident from the following Table:—

An ACCOUNT of the CIRCULATION OF THE BANKS OF SCOTLAND during the four weeks ending at the undermentioned dates, in the years 1846, 1847, and 1848, distinguishing the notes of £5 and upwards from those below that amount.

Date.	Number of Banks.	Fixed Issue.	£5 and upwards.	Under £5.	Total.
1846.		£	£	£	£
March 28th	18	3,087,209	828,778	2,189,993	3,018,771
Aug. 15th	"		1,013,539	2,358,365	3,371,904
Dec. 5th	"		1,235,072	2,761,786	3,996,858
1847.					
March 27th	"		1,063,384	2,296,959	3,360,343
July 17th	"		1,121,236	2,374,682	3,495,918
Dec. 4th	"		1,143,241	2,589,241	3,732,482
1848.					
March 25th	"		932,496	2,019,439	2,951,935
July 15th	"		982,963	2,123,680	3,106,643
Dec. 2d	"		1,158,981	2,411,141	3,570,122

* *Currency and Banking*, by J. W. Gilbart; reprinted from the Westminster Review, of January, 1841.

The Act of 1835 does not appear to have had much effect on the amount of notes in circulation. But it has had an effect in other ways. It has required the Scotch banks to keep a larger amount of gold in their vaults. This is evident from the following Table :—

A RETURN of the Aggregate Amount of NOTES IN CIRCULATION IN SCOTLAND, and of the Aggregate Amount of GOLD COIN AND BULLION HELD BY BANKS IN SCOTLAND, on the last day of the second week of February and November, in the years 1842, 1843, 1844, 1845, 1846, and 1847.

YEARS.	FEBRUARY.		NOVEMBER.	
	Notes.	Coin.	Notes.	Coin.
1842	£ 2,710,515	408,220	£ 3,078,289	£ 411,070
1843	2,552,267	481,102	3,149,554	381,907
1844	2,690,969	422,968	3,555,789	324,982
1845	2,982,867	403,083	3,784,118	676,674
1846	3,097,930	1,116,088	4,046,526	1,284,261
1847	3,533,346	1,280,597	3,783,904	1,100,258

It has also had the effect of inducing the banks to increase their charges, and to decline granting cash credits. The banks are required to keep in their coffers a larger amount of gold. This increased amount yields no interest ; and hence to that extent the Act diminishes their profits. To make up the same amount of profit as heretofore, the charges for discounts and advances are increased. This illustrates a principle that we think will always be found correct, that *restrictions upon banks are taxes upon the public*. This principle is not sufficiently obvious to statesmen, nor even to the public, in England ; the mercantile classes have been pleased, rather than otherwise, when laws have been passed injurious to bankers. In Scotland such matters are better under-

stood. The commercial classes have always rallied round the banks; they have had the sagacity to perceive the truth of the principle we have advanced; they know that capital employed in banking must be made to produce an average profit: and if the Legislature causes one branch of business to be less productive, the bankers must make other branches more productive, in order to render capital employed in banking as profitable as it would be if employed in other occupations. But the Act of 1835 not only increased the charge, it led to a limitation of accommodation. There is no one point on which Scotchmen, of all classes, are more unanimous in opinion, than on the advantages that have arisen to their country from the system of cash credits. This system can exist only with a note circulation. One of its objects on the part of the banker is to increase his circulation. But he has no profit by increasing his circulation of notes, if he must keep in his coffers an additional amount of gold equal to that increase. But gold is the idol of our currency theory. The cash credit system, therefore, with all the virtues it produced, has been offered up in sacrifice to this "golden calf."

The following Table shows the Circulation of all the Banks in Scotland during the year 1848:—

AMOUNT

AMOUNT OF BANK NOTES authorized by law to be issued by the several BANKS OF ISSUE IN SCOTLAND, and the AVERAGE AMOUNT OF BANK NOTES IN CIRCULATION and of COIN held during thirteen periods of four weeks, from December 4th, 1847, to November 4th, 1848, as published in the Gazette.

Names of Banks.	Authorized Circulation.	Average Circulation.	Coin.
	£	£	£
Bank of Scotland	300,485	326,276	160,042
Royal Bank	183,000	182,293	80,866
British Linen Company	438,024	408,300	142,052
Commercial Bank of Scotland	374,880	430,415	146,449
National Bank of Scotland	297,024	292,681	70,415
Union Bank of Scotland	327,223	304,923	91,163
Edinburgh & Glasgow Bank	136,657	124,018	36,716
Aberdeen Banking Company	88,467	103,776	33,652
Aberdeen Town & County Bank	70,133	83,767	18,950
North of Scotland Banking Company	154,319	141,919	18,772
Dundee Banking Company	33,451	27,821	5,281
Eastern Bank of Scotland	33,636	31,806	6,518
Western Bank of Scotland	337,938	374,959	111,694
Clydesdale Banking Company	104,028	100,621	28,001
City of Glasgow Bank	72,921	104,366	52,657
Caledonian Banking Company	53,434	55,296	15,762
Perth Banking Company	35,656	43,738	13,738
Central Bank of Scotland	42,933	43,743	10,880
Total	1,3087,209	3,180,748	1,013,608

The following is the latest return, taken from the Bankers' Magazine for May, 1849,* and shows the proportion between the notes of 5*l.* and above, and those below 5*l.* :—

* One advantage arising from this publication is, that we can so readily refer to the records of the circulation. Those who have never waded through Parliamentary Returns in order to prepare tables for the public, little know the time and labour thus consumed. We now find this done to our hand, and laid before us in a most lucid manner, every month. The future history of banking and of currency will be compiled from the facts recorded in the pages of the Bankers' Magazine.

AVERAGE CIRCULATION and COIN held by the SCOTCH BANKS during the four weeks ending Saturday, the 24th day of March, 1849.

Name of Bank.	Authorized Circulation.	Average Circulation during Four Weeks, ending as above.			Average Amount of Gold & Silver Coin held during Four Weeks ending as above.
		£5 and upwards.	Under £5.	Total.	
Bank of Scotland	300,485	95,125	194,649	289,774	160,304
Royal Bank of Scotland	183,000	58,759	115,037	173,796	79,001
British Linen Company	438,024	125,255	255,999	381,254	135,387
Commercial Bank of Scotland	374,880	124,928	257,145	382,073	107,951
National Bank of Scotland	297,024	85,453	182,351	267,804	52,977
Union Bank of Scotland	327,223	107,477	190,477	297,954	105,525
Edinburgh & Glasgow Bank	136,657	45,206	73,924	119,130	34,426
Banking Company in Aberdeen	88,467	31,213	68,856	100,070	40,207
Aberdeen Town & County Bank	70,133	21,834	52,869	74,703	16,925
North of Scotland Banking Company	154,319	46,853	80,512	127,366	19,844
Dundee Banking Company	33,451	8,208	18,996	27,205	4,698
Eastern Bank of Scotland	33,636	11,876	18,226	30,102	8,170
Western Bank of Scotland	337,938	99,864	255,937	355,801	116,909
Clydesdale Banking Company	104,028	20,233	70,632	90,865	31,193
City of Glasgow Bank	72,921	39,572	58,657	98,229	56,670
Caledonian Banking Company	53,434	13,626	33,163	46,789	16,642
Perth Banking Company	38,656	10,187	24,554	34,741	11,102
Central Bank of Scotland	42,933	10,603	26,861	37,464	11,242
Totals	3,087,209	956,272	1,978,845	2,935,120	1,009,173

Among the theories on the currency was a notion of establishing one bank of issue for the United Kingdom. The following evidence on this subject was given by Mr. Kennedy, the manager of the Ayrshire Bank, before the Committee on Banks of Issue in 1841 :—

“ Do you think the establishment of a single bank of issue for the United Kingdom would be advantageous or otherwise to Scotland ? ”

“ I conceive that it must be very destructive to Scotland.”

“ In what way ? ” “ It is perfectly clear that it would overturn the present system of banking in Scotland. Our system of banking is based upon the power that our currency gives us to allow a high rate of deposit interest ; if you take from us the profit that our currency yields, we must make our profit from some other source ; we must increase the charges to the community, and allow less interest, or probably no interest at all, and our system will be totally changed.”

Another favourite notion has been the abolition of all notes under £1. A Committee of the House of Lords and a Committee of the House of Commons made reports on

this subject in the year 1826. The evidence produced by the Scotch bankers was so overwhelming, that both the committees recommended the postponement of the measure. Robert Paul, Esq., secretary to the Commercial Bank of Scotland, stated to the Committee of the House of Lords that the following would be the effects of the abolition of the small notes :*—

“ We should diminish the number of our branches, because we should be involved in an expense in the transmission of gold, which the profits arising out of our branches could never compensate; they are not the most profitable part of our business; they are attended with a great many hazards and disadvantages.

“ We should withdraw our cash accounts, because they could no longer accomplish the end for which they were granted; which was the maintaining our circulation, especially of our small notes.

“ We should diminish the interest of our deposit accounts, because we should then be required to keep a very large amount of dead stock of gold in our coffers, to meet the constant variations that would arise, and to keep it wholly unproductive. I imagine that if a gold currency were substituted for a small-note currency, there would be a much greater amount of gold required than there is at present of notes. We have at present, in order to meet the constant variations, a large amount of notes constantly on hand, and in the same way we should require a stock of gold, and that would be proportionably larger as the general circulation would be greater.”†

“ The following letter, written by an agent at Inverary, to Roger Aytoun, Esq., manager of the Renfrewshire Bank at Greenock, states the inconveniences which the writer apprehends would result from the introduction of a metallic currency into that part of Scotland :—

“ With regard to the proposed measure of suppressing bank notes in Scotland for less than 5*l.*, I think it would be ruinous to this country; for I cannot see how, if it takes place, the business of the country can be carried on. Confining myself to some of the most prominent instances in which the Highlands will be affected, I shall state the difficulties that occur to me. Our produce chiefly consists of cattle and sheep, grain, wood, kelp, and the production of the fisheries. Cattle are brought to

* Lords' Report, p. 204.

† Ibid. p. 132.

the country markets by the breeders, chiefly small farmers, every man attending his own, and having generally from one to three young animals for sale. There they are met by the dealers and graziers, who purchase such of the beasts as suit them; and it is seldom that a single animal, at the age of one or two years, being the ages at which they sell them to the dealers and graziers, comes to the price of 5*l.*; the price is more frequently from 2*l.* to 4*l.* Of these a dealer often purchases two or three hundreds in single beasts, so that he has more than 1*l.* and less than 5*l.* to pay to each of as many sellers; but he has no notes under 5*l.*, and the sellers are not able to return balance in any coin. This will occur to many dealers at every market; and how is the difficulty to be removed? The dealers must all come loaded with gold and silver, and this they cannot carry to the necessary amount; and besides, they will not be supplied by banks with gold and silver for their bills by which there would be no profit. The means of paying being wanting, the seller will not deliver, and the object of the parties is frustrated; and thus a difficulty is cast in the way of disposing of this material article of Highland produce, which must discourage the sales, and occasion a reduction of price, and consequently of the rent and value of land.

" It is the same in the case of grain, of which bear or barley is what is chiefly sold by small farmers to the distilleries. In settling for some bolls, bought in small quantities of two or three bolls, 5*l.* notes will be found most inconvenient; and the purchasers and manufacturers of wood and bark, and of seaweed for kelp, who require many hands, and pay off their workers generally once in the month, none of whom will draw so small a sum as 1*l.*, nor so large a sum as 5*l.*, will experience the same difficulty.

" The herring fishery on our coasts employs several thousand men, and is of very great importance. Instances have occurred of ~~herrings~~ being taken in Lochsine alone to the value of 40,000*l.* in one season; and a thousand boats are generally employed there in the fishing. The fishermen every morning sell their fish to the curers on shore, receive their money, and set out in quest of more. The value of each boat's fishing for a night sometimes exceeds 5*l.*, but generally is under it; and there are, in this fishing station alone, a thousand boats to be paid off every morning, of whom most probably two-thirds have to receive less than 5*l.* each. It will be impossible to provide gold and silver sufficient for such a purpose: and in the remote parts of the North Highlands, where the fishery is much more extensive, and banks at a greater distance, the difficulty is insuperable.

" At present the business of the Highlands is transacted by means of bank notes of 1*l.* and 1*l.* 1*s.*, with some larger notes on occasions, and that with the greatest facility. Cattle dealers, and all others having to

pay away money to any amount in small sums to a number of people, as in the instances mentioned, prepare themselves by a mixture of notes, some large and some small, accompanied by a few pounds of silver, and every thing goes on well. These notes are preferred by the country people before gold, both because they are unable to distinguish between the genuine and base metal, and because these coins are more liable to be lost from their pockets than notes ; and they have no reason to repent their confidence in the stability of these banks, whose notes they have been accustomed to receive for so many years in their transactions. But if small notes are superseded, and gold substituted, it is not easy to see how the supply of gold is to be kept up to carry on the business and transactions of this country. Should a quantity of it be received into the circulation, it would not remain long, but find its way into the banks, who will not again give it out in bills as they do their notes, and it will immediately become a scarce article in the country. A person, then, having to pay in small sums, will on every such occasion be obliged to send his large notes to the bank that issued them, perhaps a hundred miles off, to receive gold and silver in their place, to answer his purpose. The conveyance of it to him is next to be provided for. The weight may be too much for the post. There are no mail coaches ; and he must either employ a carrier, moving too slowly for his occasions, or be at the expense of sending a trusty person for the treasure.

" In transmitting money from one part of the country to another, the same difficulty will often present itself. Suppose a person in the Western Isles has to pay 19*l.* to one on the Continent. At present this may be conveniently done by three notes of 5*l.* and four of 1*l.* enclosed by post ; but when there shall be no 1*l.* notes, the odd 4*l.* must be sent in gold or silver, not conveniently carried in a post letter, and requiring that a ~~person~~ be employed for the purpose, and at some expense.

" Many other such difficulties and inconveniences will occur. These presented themselves to me, and I stated them hastily, without regard to order. If you find anything in them useful for the purpose, I shall be pleased. But it appears extremely hard that the Scotch system should be disturbed, and that we should be obliged to adopt one not only unsuitable to our purposes, but ruinous to the business of our country."

V.—*Those Operations of the Scotch Banks that refer to Cash Credits, Deposits, Remittances to India and the Settlement of the Exchanges.*

I. *Cash Credits.*—A cash credit is an undertaking on the part of the bank to advance to an individual such

sums of money as he may from time to time require, not exceeding in the whole a certain definite amount, the individual to whom the credit is given entering into a bond with securities, generally two in number, for the repayment on demand of the sums actually advanced, with interest upon each issue from the day upon which it is made.

Cash credits are rarely given for sums below 100*l.*; they generally range from 200*l.* to 500*l.*, sometimes reaching 1,000*l.*, and occasionally a larger sum.

A cash credit is, in fact, the same thing as an overdrawn current account, except that in a current account the party overdraws on his own individual security, and in the cash credit he finds two sureties who are responsible for him. Another difference is, that a person cannot overdraw his current account, without requesting permission each time from the bank; whereas the overdrawing of a cash credit is a regular matter of business,—it is in fact the very thing for which the cash credit has been granted. The following advantages have been ascribed to the cash credit system.

1. Cash credits enable young men of good character to acquire wealth and respectability.

"I have known many instances of young men who were starting in the world from low situations—of servants, who have conducted themselves well during the time they were apprentices—or farm servants even, who were able to procure an account from a bank by means of some friends or acquaintances becoming their securities, that in the course of their business have raised themselves to situations by becoming farmers of considerable extent, or manufacturers in a way highly creditable to themselves and beneficial to the country.*

"Without cash credits, sober, attentive, and industrious people would

* This and the following quotations are taken from the evidence given by the witnesses from Scotland, before the Committees of Lords and Commons, appointed to consider the expediency of abolishing the notes under 5*l.*

not have the means at all of following up what they very deservedly might be encouraged to follow up ; they begin the world, in all probability, with a mere trifle, which trifle they have been known to make by their own industry. Having made that, it recommends their character to persons of, perhaps, a little more fortune, who, to encourage them, become sureties for their cash accounts.

“ The classes of persons who have cash credits, are very various ; but they are generally the industrious classes of persons—merchants, and traders, and farmers.

“ The accommodation is more readily given to a small than to a large amount—the bank preferring to grant ten credits for 100*l.* than one for 1,000*l.*, thereby demonstrating that their accounts are quite as much for the assistance of the poor as for the accommodation of the rich.”

2. Cash credits furnish great facility to tradesmen and others in carrying on their business, either in the way of raising money,—in making purchases,—or in employing at particular seasons their surplus capital.

“ Is the advantage to the party borrowing greater under the system of cash credit than under the system of lending in the ordinary mode ?—Infinitely.

“ Why ?—As to the question of actual pounds, shillings, or pence, paid in the shape of interest, there is, in the first place, this difference, that when he discounts a bill he pays the interest on the sum for three months, if that be the currency of it ; should any accidental mercantile transactions throw into this individual’s hands, on the next day, the same amount which he had thus received from the banker, he has lost the benefit of the transaction, because he must keep this ; if he has a deposit account with the banker he must keep it at banker’s interest, while he is anticipated by having paid to the banker three months’ discount interest on his bill ; if a trader were to take his money systematically by discounts instead of by cash accounts, a disadvantage to him would arise. The same principle applied to small sums ; if half or a quarter, or any part of the advance which he may have received upon the cash account comes into him, he immediately lessens the advance by paying it into the bank, and the interest being calculated at the close of the account, there is a progressive account of interest diminishing with the principal sum till it is extinguished. So far as to actual benefit of interest ; but the convenience of getting money when wanted affords a very material advantage, independent of the actual benefit.

“ What are the facilities that exist in obtaining this sort of advantage, compared with those of obtaining an ordinary loan ?—When a person

applies for a cash account, which is not an immediate advance of money on the part of the bank, but a conferring of the power or privilege of drawing upon the bank to the extent specified, the person proposes two or more personal sureties : a bond is made out, and he draws as occasion requires. In this way, he has never more from the bank than is absolutely necessary for the purposes of his business. The account is never recalled, unless it has ceased to be beneficial to the bank, by having been but little operated upon, and thus not having promoted the circulation of the bank's notes. Whenever it becomes a dead advance, the bank calls it up. In the case of a person obtaining a loan, he would probably, in the first place, have to pay the interest down at once ; he would have to pay it upon the whole sum, whether he should require it ultimately or not, and it would be liable to be recalled by the lender at his pleasure."

" The person who procures a cash credit, does so upon the security of two or three substantial individuals. He may be a man of little property, but upon that security he gets a credit, perhaps of 500*l.*—his bill to any thing like that amount, without those securities, would not be discounted. "

" After the permanent credit is given, the option of using it lies solely with the borrower, not with the bank, as does also the option of the period of repayment.

" If a small trader borrow of an individual (not a banker) 100*l.*, that individual would not be disposed to receive back his money in 5*l.* or 10*l.* or 15*l.*—he would wait till the term expired, when he would receive the whole. When a credit is granted, the individual, perhaps, draws out 50*l.* to-day and pays in 40*l.* to-morrow, and goes on in that way, always having credit with the bank to the extent originally stipulated.

" The repayment as well as the overdraft is permitted by the bank to be made in small sums piecemeal : so that by attention in his repayment, the borrower saves himself from paying interest on more than the precise advance for which he has occasion at the moment, and can constantly convert to a safe and profitable purpose the money which he may receive in the course of his trade, however small the amount.

" These advantages are steadily and uniformly afforded at all times to the industrious tradesman, or farmer, the merchant, the professional man, and the landlord."

3. Cash credits supply capital for carrying on extensive branches of trade, employing the population, and constructing public works.

" Cash credits for small sums enable the poor to be as instrumental, as far as their means go, in increasing the capital of the country as the

rich are. For the produce of that industry which cash account credits enable to operate, and of that capital which they leave at liberty to be employed in trade, goes to increase the real wealth and capital of the country; and a great proportion of the transactions, carried on through the instrumentality of cash accounts, consists of those of the poorer classes.

" I apprehend that those cash credits have enabled a large number of manufacturers to carry on business, and to employ the population of the country, who, if they had not such credits, could not have carried on such business, nor employed such population.

" Cash credits are granted to almost all descriptions of persons throughout the country. Every young man who has a prospect of success on entering life, applies for a cash credit. A great many gentlemen have cash credits, and a great many farmers. There is hardly any public work undertaken in Scotland that the first object is not to apply for a cash credit, to carry it on to advantage. All the roads in Scotland are managed by Parliamentary trustees ; and I believe there is hardly any one of those sets of trustees which have not cash accounts for the purpose of carrying on their operations. I am sure many of the most important public works in Scotland would not have been carried on, or certainly not with the same advantage, but for the credits they obtain from the banks."

4. Cash credits prevent large manufacturers setting up as bankers, and thus they exclude those evils which in other countries have resulted from the failure of private banks.

" When the system is applied to the case of large manufacturers, employing hundreds or thousands of workmen, and possessing a cash credit to a proportionate amount, upon sufficient security, one obvious effect is, that the temptation is removed from the manufacturer, of attempting to issue notes, and becoming himself a banker—an error or temptation which, if what is said is true, has been the main cause of the institution of many insufficient English bankers, whose partners, from being good traders, became bad bankers, and brought upon their own district the distress which bad banking sooner or later always produces."

5. Cash credits have a considerable moral influence upon the habits and character of the people.

" The security afforded to a bank by its debtor, or rather its customer, on a cash credit, is by bond, with two securities at the least—occasionally

there are not two sureties, but frequently many more ; the practical effect of which is, that the sureties do, in a greater or less degree, keep an attentive eye upon the future transactions and character of the person for whom they have thus pledged themselves. And it is, perhaps, difficult for those who are not intimately acquainted with it to conceive the moral check which is afforded upon the conduct of the members of a great trading community, who are thus directly interested in the integrity, prudence, and success of each other. It rarely, indeed, if ever, happens, that banks suffer loss by small cash credits.

" This system has a great effect upon the moral habits of the people, because those who are securities feel an interest in watching over their conduct, and if they find they are misconducting themselves, they become apprehensive of being brought into risk and loss from having become their securities, and if they find they are so misconducting themselves, they withdraw the security.

" Sometimes cash credits are recalled from the interference of the securities. They have the power of knowing from the bank at any time the state of the account, and the operations upon it ; and if, from that, or from other circumstances, they have been led to think less favourably of the person for whom they give the security, they can immediately cease to allow that account to be farther operated upon."

The Report of the Committee of the House of Lords contains the following observations upon the effects of cash credits :—

" There is also one part of their system which is stated by all the witnesses, (and in the opinion of the committee very justly stated,) to have had the best effects upon the people of Scotland, and particularly upon the middling and poorer classes of society, in producing and encouraging habits of frugality and industry. The practice referred to is that of cash credits. Any person who applies to a bank for a cash credit, is called upon to produce two or more competent securities, who are jointly bound ; and after a full inquiry into the character of the applicant, the nature of his business, and the sufficiency of his securities, he is allowed to open a credit, and to draw upon the bank for the whole of its amount, or for such part as his daily transactions may require. To the credit of this account he pays in such sums as he may not have occasion to use, and interest is charged or credited upon the daily balance, as the case may be. From the facility which these cash credits give to all the small transactions of the country, and from the opportunities which they afford to persons who begin business with little or no capital but their character, to employ profitably the minute products of their industry, it cannot be doubted that the most important advantages are derived from the whole community."

As by cash credits the banks render themselves liable to be called upon at a moment's notice for the amount of the credit granted, it is natural to suppose that they contemplate some advantage in return. The advantage contemplated is the circulation of their notes. It is not intended that the cash credit shall be a dead loan of capital. It is expected that there shall be a perpetual paying in and drawing out of money, and the smaller the denomination of the notes drawn out, the more advantageous is the account to the bank. Manufacturers who pay away large sums every week in wages, linen buyers and cattle dealers, millers and provision merchants, who make their purchases in small sums, and generally all those who have quick returnus of money passing through their hands, have the means of making a cash credit profitable to the bank. On this subject, I again quote the evidence :—

" To secure to the bank the advantages of circulation, which is to make it worth while to afford these facilities at so little expense to their customers, he, on his part, is to lose no opportunity of bringing to the bank, and thus withdrawing from circulation, the notes of every rival bank which comes into his hands in the course of his transactions ; or of paying away, and thus introducing into circulation, as many of the notes of the bank as his transactions admit of, always 1*l.* notes if possible. The payments and receipts must be frequent, for in this consists the banker's profit, inasmuch as the payments are uniformly made by him in his own notes, and the receipts are generally, in a very great degree, in the notes of other banks. Thus, supposing a shopkeeper to have a credit for 50*l.* or 100*l.*, if his receipts and payments average 5*l.* per day, he may, in six months, or 150 days, have placed 750 of his banker's 1*l.* notes in circulation.

" It is quite necessary, in order to render a cash account beneficial, that there should be repeated and continued operations upon it ; that the transactions should be numerous ; that there should be a continual drawing out and paying in of money ; and that, by these means, a circulation of the bank notes may be promoted ; otherwise the account is withdrawn, and the great reason of this is, that these accounts are not intended to form dead loans, but to be productive of circulation to the bank.

"The explanation of the cash credit system is this:—The bank who first opened a cash credit opened it with an individual shopkeeper. He received payment of his goods in the currency of the country. Previous to that system, he used to put his currency into his drawer, 8*l.* or 10*l.*, or whatever it was. If people brought him larger money to pay for his goods, he returned those people change; or if he did not, he kept it until he wanted to purchase for himself. But, after the banker had explained to him what he wished him to do, when the shopkeeper received the currency of the country, instead of putting it into his till, he looked to the banker's shop as his till, and handed it over to the banker, and left his own till with only the change which he could not do without. Then, when he required sums to pay away, instead of taking them from his till, he sent to the bank, and took from it what he required, the banker giving him his own notes. So much of the previous currency was thus removed, and the banker's notes taken in its place. That was the effect of the first operation, when the thing was only in so simple a state that there was only the notes of one bank and a metallic circulation. If you apply the same principle where there are thirty banks, the result would be the same.—The amount of the circulation of the country continues the same, but the proportion between its parts vary."

II. DEPOSITS.

A sum of money deposited or placed in a bank is called a deposit. Some banks grant interest on these deposits; others do not. The London bankers allow no interest on deposits, but the English country bankers usually do. The Scotch banks have carried this practice to the greatest extent; and the deposit system forms a very important branch of the banking system in Scotland.

Those regulations which the banks have established as the rule of their transactions between themselves and the depositors are the following:—

The depositor may place in the bank any amount of money he pleases above 10*l.*

The whole or any part of the deposit may be withdrawn at the pleasure of the depositor without previous notice.

Interest is allowed on the deposit from the day it is lodged in the bank until the day it is drawn out.

The balance of a current account is allowed interest at the same rate as though it were a permanent deposit.

The following are the advantages ascribed to the deposit system :—

1. The system of deposits is advantageous to the lower classes—in providing a place of safety for their deposits—in granting them interest on their savings—in encouraging habits of frugality—and thus often enabling them to advance in society.

“ The deposit branch divides itself into two parts :—There is, first, what is called a running account, where the party pays in from day to day the whole surplus funds in his hands, and on which he receives interest. These depositors are, in general, shopkeepers, and merchants, and traders, more particularly in large towns ; and in these deposit accounts there is found at their credit at the close of every day, the whole amount of the money for which they have not immediate employment in their trade. The second branch of deposits consists of small sums placed in the hands of the bank at interest, which have been in general the savings of their industry, and which are put into the hands of the bank to accumulate, and on which they may operate not in the way of a running account. They may receive a partial payment whenever they please ; and in general these deposits are very seldom removed, excepting when an individual has occasion to build a house or begin business. This class of deposits is distinguished from running accounts by the name of deposit receipts ”*

“ What class of the community is it that makes the smaller deposits ? —They are generally the labouring classes in towns like Glasgow. In country places, like Perth and Aberdeen, it is from servants and fishermen, and just that class of the community who save from their earnings in mere trifles small sums till they come to be a bank deposit. There is now a facility for their placing money in the provident banks, who receive money till the deposit amounts to 10*l*. When it amounts to 10*l*, it is equal to the minimum of a bank deposit. The system of banking in Scotland is just an extension of the provident bank system. Half-yearly or yearly these depositors come to the bank, and add the savings of their labour, with the interest that has accrued from the previous half year or

* Lords' Report, p. 80.

year to the principal. And in this way it goes on, without being at all reduced, accumulating, till the depositor is able either to buy or build a house, when it comes to be one, two, or three hundred pounds, or till he is able to commence business as a master in the line in which he has hitherto been a servant. A great part of the depositors of the bank are of that description ; and a great part of the most thriving of our farmers and manufacturers have arisen from such beginnings. And in regard to the deposit receipts, I may just mention what is generally the way in which they are granted. To day a person from the country appears at the bank, it may be with 20*l.* or 30*l.* or 50*l.* We probably never see him again till that day twelvemonths, but we are sure of seeing him about that very day. If he has 20*l.* in the bank, he may come and say, ‘There are four guineas ; you will give me a receipt for 25*l.*’ He knows well that the 20*l.* has earned 16*s.* interest ; and I do consider that the four guineas are just the savings of the year. He goes away with his new receipt, and returns on that day twelvemonth ; then again it is added to, and thus accumulated—and so in many instances throughout the country.”*

2. The system of deposits is advantageous to capitalists in furnishing them with a secure mode of employment of capital, either for a longer or a shorter period, at their pleasure.

“ What class of persons form the large and steady depositors in the Scotch banks ?—The middling and the lower order of society, industrious poor people, who are saving their money, and small capitalists who have raised a moderate sum of money, upon the interest of which they live.

“ Do many persons live upon the interest of their deposits, as far as you know ?—Yes, a great many.”†

“ Do you know whether it is the practice of persons who have small capitals in Scotland, to invest them in the public securities in London, or to deposit them with the banks in Edinburgh ?—I believe, almost universally, to deposit them with a Scotch bank.

“ And they live upon the interest of what they so deposit in the manner as persons here live upon their interest on stock ?—Yes ; they often look to the permanent capital with a view of leaving it at their death, taking the interest during their lives.”‡

“ The deposit accounts are of two kinds—one kind from the commercial people who have large sums that they wish to keep in a disposable form, waiting an opportunity of any investment which may occur. Of

* Commons’ Report, p. 169.

† Lords’ Report, p. 165.

‡ Commons’ Report, p. 124.

the operating deposits, there are others who keep the money until a favourable turn in the Stock Exchange enables them to invest it there. And there are others, respectable householders, who keep it for the purposes of their family expenditure. I reckon that these and the sums due upon them average one-half of the aggregate amount of a bank's deposits.”*

“ Have you formed any estimate of the amount of deposits in all the banks in Scotland?—I certainly have been at very great pains to get information upon the subject; and I am satisfied that the amount is considerably above twenty millions—I should say, twenty-five millions.

“ From what class of persons are those deposits chiefly?—Generally from industrious tradesmen, small shopkeepers, varying from 10*l.* to 500*l.* The greatest number of deposits, and the greatest in their aggregate amount, are in small sums.

“ Are there not, however, deposits from richer classes, and each of them to a much larger amount?—Certainly, there are deposits from 1,000*l.* to 20,000*l.* and 30,000*l.*†

“ In the spring of 1824, the banks in Scotland began, in some instances, to decline accepting deposits at all.—In the autumn of 1824, the great banks made an express rule that they would not accept more than 5,000*l.* from any one depositor. They allowed 2½ per cent. on the first 3,000*l.* and 2 per cent. upon the remainder of the 5,000*l.*, and above that they would not allow any interest. That was the general rule with the great banks at that period. There were many people who preferred leaving their money, though they received little or no interest, to taking it away. That commenced in 1825.”‡

3. The system of deposits is advantageous to the country—by augmenting the amount of national capital—by increasing the demand for labour—by granting facilities to trade and commerce—and by removing the temptations to engage in hazardous speculations and foreign investments.

“ This system was adopted before the middle of the last century. The rate of interest allowed since then has been regulated by the value of money, and has, of course, fluctuated considerably; but it has ever been such as to afford as high a return to the depositor, as has been consistent with the reasonable profit, and of course the security of the bank. The effect of this system has been to encourage and to afford the means of the accumulation of capital among the lower, as well as the higher

* Lords' Report, p. 183.

† Ibid. p. 231.

‡ Ibid. p. 158.

orders, by placing within the reach of all, a convenient, safe, and moderately profitable investment of money, and to offer an inducement to capitalists to retain their accumulations in Scotland, notwithstanding the opportunities or temptations which foreign investments might hold out.”*

“ The system of deposit accounts, I think, is a very great stimulus to the habits of industry, and economy, and frugality, in Scotland. The whole surplus capital of the individual is thus rendered productive.

“ Under the system on which you conduct your business, is not the money arising from those deposits issued out, to encourage the farther consumption of labour in the country?—Yes.

“ It would be a loss, then, to the country, if it was to be removed from the channel in which it is now placed, into this country, on government debentures?—It certainly would.

“ Under this system does not the poor workman gain immediate interest for his saving, whilst the saving is immediately employed through the bank in putting a farther portion of labour into motion?—Precisely so. It is in this way that the wealth of those individuals is concentrated, and through the agency of the bank is brought to bear in carrying on the business of the country.”†

“ Is there not an advantage to the public from the gathering of those small capitals together, forming part of the deposits of the bank, and so being sent out again in large sums, like other capitals, for the purpose of being applied to increase the powers of productive industry?—The Scotch banks form a sort of reservoir for receiving the small sums of capital scattered throughout the community, and then sending them forth into channels of trade, so as to promote the commerce, manufactures, and agriculture of the country.”‡

“ Are you of opinion that if the deposits with the banks of Scotland were considerably lessened, the banks could afford the same accommodation by discounts, which they do at present?—I should think that is impossible, because it forms part of their capital. It would diminish the capital which is at present employed in that business, of which discounting forms a great part.

“ Would not any such diminution of discount operate injuriously to the general trade of the country?—The want of those discounts must diminish the trade of the country, inasmuch as the manufacturer and merchant receives his money at least three months sooner by discounting their bills, than he could possibly get payment of his account.”§

“ The system of deposits forms a great part of the funds arising from our banking system. It is a great deposit of money which is given out

* Lords' Report, p. 175.

‡ Commons' Report, p. 203.

† Ibid. p. 283.

§ Lords' Report, p. 266.

to the trade of the country, for the profit of one per cent. for which the bank runs the risk of its business. If that great deposit were withdrawn, and could not be issued with the same degree of safety, I conceive the consequences would be a total derangement of the whole system, and ruin of our country.”*

“ If the banks are under the necessity of reducing the interest on deposit accounts, the depositors must look about them and find out on what security they can lend their money so as to obtain a higher rate of interest. It would certainly diminish the capital of the trading part of Scotland, inasmuch as the banks would not have it in their power to assist them in trading by discounting, but it might be lent on Government securities or landed property, and the temptation of a higher interest from individuals would, undoubtedly, be a temptation to many, and a temptation that could scarcely be resisted by those whose income depends entirely upon the interest of that lent money, to lend it on personal and doubtful security.

“ When the banks reduced their interest some time ago, a great part of the deposits was drawn out, to be invested in various different ways. And as the depositors did not get from the banks the interest on which they were depending, and did not choose to make a less interest, many of them went into schemes, which have turned out very ruinous to them. It has been one great cause of over speculation, that the people did not get the interest they had been accustomed to from the banks. They, therefore, drew it out to invest it in joint-stock companies, lent it to builders, or other inferior securities, or became builders themselves.”†

4. The system of deposits is advantageous to the banks—by inducing every person to deposit his money in a bank—by furnishing the banks with capital to carry on their business—and by putting in circulation a large amount of their notes.

“ The universal practice at Glasgow is, to pay into the bank with which the individual transacts his business, the whole of the notes he has in his possession, or nearly the whole, every day.”‡

“ Unquestionably, the giving of interest upon deposits, is an inducement to every person that has any surplus money in his hands, to place it in the hands of his banker. And in the same way in the case of cash accounts, every payment by the holder of a cash account into the bank, either diminishes the interest he has to pay to the bank, or if the account

* Lords’ Report, p. 235.

† Ibid. p. 250.

‡ Commons’ Report, p. 50.

should turn in his favour, enables him to get interest from the bank, and that is a great inducement for every person to pay in daily into his banker's hands all the money which he does not require for the purposes of his business.”*

“ The means of a bank I conceive to consist of three things—first, capital paid in its own stock—secondly, the notes which the bank is able to keep afloat in the circle—thirdly, the amount of the deposits.”†

“ And if the amount of deposits were lessened, in that case their means of issuing money upon discount would be proportionably lessened? —Yes.”‡

“ Every bank constituted as the banks of Scotland are, make advances in two ways.—They make them upon cash credits, and they make them upon the discount of bills. They also borrow in two ways.—They borrow upon deposit receipts, and they borrow also upon accounts current. That is, if a gentleman opens an account, and puts 100*l.* to his credit, and operates upon it, drawing out a part of it, leaving a balance in the hands of the bank, then is there a borrowing to the extent of the balance that is so left. Those accounts we do not allow to be overdrawn, so that the advance is in two ways, and the borrowing in two ways—that is, in two different forms.”§

“ In the case of small depositors a considerable part of the profit arising from the deposit of that money is the circulation of the notes. When a depositor withdraws his money from the bank he receives it in the notes of the bank, and, of course, they go into circulation. As long as they remain out they are a source of profit.”||

“ The bank issue their notes two ways; they make advances upon cash accounts, and they make advances upon discounts. They also issue their notes in payments upon accounts current, and also in the re-payment of deposit receipts.”¶

“ The deposit and cash accounts are the instruments for supporting our circulation, and without the continued operations upon the deposits and cash accounts our circulation cannot be maintained.”**

• III. REMITTANCES TO INDIA.

Although this branch of banking business is not peculiar to Scotland, yet I believe the banks of Glasgow have carried it on to a greater extent than any other banks. This has arisen partly from the more intimate connexion

* Commons' Report, p. 201.

|| Commons' Report, p. 45.

† Lords' Report, p. 195.

¶ Lords' Report, p. 236.

‡ Commons' Report, p. 150.

** Ibid. p. 135.

§ Ibid. p. 180.

that exists between Glasgow and India, and partly from the character of Scotch banking. We refer to the practice of granting bills of exchange to be sent out to India accompanied by an undertaking to accept them when presented.

To enable our readers to understand distinctly this branch of business, we must give a short description of the banking and commercial operations of India. The business transacted at each of the Presidencies consists of importing British manufactured goods, and exporting the produce of the country, such as cotton, indigo, &c. &c. Some of the merchants who are engaged in these operations act also as bankers. They receive deposits, and allow interest on them, receive dividends on India stock, and make remittances to England. Their business in this way was formerly very extensive, but has recently been much reduced by the establishment of banks all over the country. One part of the business of these mercantile bankers is to advance money on shipments of goods either to England or to China, taking as security the bill of lading and the policy of insurance. Here they often find a powerful competitor in the East India Company; and the mercantile interests, in both India and Glasgow, are desirous of excluding the Company from this kind of business.*

I cannot better describe the kind of business carried on in India, than by the following extract of a letter I received about two years ago, in reply to some inquiries I made on the subject :—

“One part of business which the houses used to do largely was advancing on shipments of goods to England and China, and it is still done by Messrs. _____ and _____: the system is :—*A.* ships 10,000*l.* worth of goods for England, and takes the bills of lading and policies of insurance to *B.* who agrees to advance three-

* See the Evidence taken before the Committee of the House of Commons on Commercial Distress, 1848.

fourths of the value ; the shipping documents are indorsed by *A.* to *B.* and *A.* draws bills on the consignee of the goods in London for the value, in favour of *B.* payable at six months' sight, and directs him to accept the bills when presented by *B.*'s London correspondent. As the goods will most probably arrive in London before the bills fall due, the consignee will take them up before the due date, and with the bills receive the shipping documents from *B.*'s correspondent. Sometimes, however, it may be that *A.* has no agent in London, and the goods are therefore consigned to *B.*'s correspondent, who is instructed to sell and remit the proceeds by bills, or with the purchase money of the Indian goods to buy British manufactured goods, and ship them consigned to *B.* You will easily perceive what large profits could be realized in this way, as commission is charged on the sale of the Indian goods, and purchase of British, and a high rate of interest on the advance until it is paid off.

"The East India Company usually get a portion of the money required for the home expenditure, from India, in this manner. Last month the Government here gave notice, that in pursuance of instructions from the Court of Directors, it was proposed to provide a sum of 800,000*l.* in India during the remainder of the official year 1846—7, for the service of the East India Company in London, by the purchase of bills of exchange to be secured by the hypothecation of goods. Advances in cash are accordingly made for the purpose by the governments of Bengal, Madras, and Bombay, at the rate of exchange of 2*s.* per Company's rupee ; the operation is exactly the same as I have stated in the former case. *A.* ships goods, and on the security of the bills of lading, policies of insurance, and his bills on consignees in London, at six months' sight, receives from the Government an advance equal to three-fourths of the value of the goods ; the bills, with the shipping documents attached, are sent to the India House ; and in due course accepted by the drawee ; on the arrival of the goods, the bills are paid, and the goods given up. In the event of the ship arriving, and the bills not being taken up, the goods are then lodged in one of the Dock Company's bonded warehouses. If the bills are dishonoured at the due date, the goods are sold to re-imburse the East India Company for the advance ; this, however, is an extreme case, and could only occur in the event of the bankruptcy of the acceptor.

"With reference to the bills drawn from India, with an engagement on the part of the drawee to accept, in the margin, these bills are obtained from a respectable London house, and sent out to this country for negotiation ; but I must have recourse again to my favourite plan of illustrating by an example. *A.* having credit with a London house, or if not, lodges security, and obtains bills, with an engagement in the margin to accept, and remits them to *B.* his correspondent in India, for the purchase of produce ; the drawee being well known, the bills obtain a favourable rate in the market, and *B.* is enabled to purchase produce which he ships, consigned to *A.* in London, who, before the bills fall due,

pays them ; on paying the London house commission on the amount the transaction is concluded.

" There is another system, and you very probably may have seen some of the bills in the London market. *A.* a merchant in New York, proposes to send a ship to China for goods, but unwilling to have his money locked up on board ship for so many months, with the additional risk of loss, he obtains, either on personal or other security, from say Messrs. _____ agent in New York, a letter of credit on the house in London, to honour the bills of the captain or supercargo of the ship. On the arrival of the ship in China, the cargo is purchased and paid for by the bills on Messrs. _____, London : the bills are negotiated in China, with the indorsement of _____'s agent there, and as soon as *A.* in New York, receives advice of the same, he remits the amount to London, to meet the bills when they fall due. I enclose you a form of one of these American bills. Sometimes money is sent to India by means of London bankers' bills, and I have seen Messrs. _____'s bills offered for sale, but being drawn at short dates, do not obtain such good rates of exchange as might be expected ; they are seldom used for commercial purposes, but are taken by officers of the civil and military services, wishing to make remittances to their families at home. I understand that the Western Bank of Scotland issues bills with an engagement to accept.

" This operation, as far as an exchange operation, of the banks issuing the bills, would not realize a profit sufficient to cover the risk. Suppose the London and Westminster Bank sent out to an agent here its bills at six months' sight, for 20,000*l.* and that the bills are sold at 2*s.* per rupee ; the agent must then remit the rupees (200,000,) which he has received, and even admitting that he could obtain good commercial bills at 2 per cent. under that rate, it would scarcely pay his commission on the transaction.

" The usual way in which merchants settle their exchange operations in Bombay, and I believe it is the same all over the East, is by sending a notice to each house, intimating that *A. & Co.* have 10,000*l.* to draw for on England ; *A. & Co.* are called *sellers*. *B. & Co.* want to remit 5,000*l.* to England, are called *buyers*, and offer for that amount of *A. & Co.* bills ; *C. & Co.* are also buyers, and offer for 5,000*l.* more, so that the whole transaction is completed ; and unless a bank is prepared to buy up all the bills offered for sale, at the same, or a more favourable rate than a merchant can offer, it cannot carry on its exchange operations profitably, the merchants buying and selling among themselves, save all the bankers' charges. This, I imagine, has been the case in all countries before the system of banking operations was clearly understood ; and I have no doubt, but that in a short time we shall see all exchange business done by the banks."

To explain farther this system, we shall transcribe the form of the bill referred to in the above letter, and also the forms of the bills issued by two banks at Glasgow.

No. 130.

Exchange for

£ Ster. 300 0 0

New York, 7th June, 1842.

23S5
R.S. & Co.

Six Months after sight of this First of

Exchange (Second and Third unpaid) pay to the order of Davis,
Brooks & Co. Three Hundred Pounds Sterling, value received, as
advised by

FIRST.

Your obedient servant,

GEO. D. CARTER.*

To

Messrs. Palmer's, Mackillop, Dent & Co.
London.

Davis, Brooks & Co.

To Geo. D. Carter, castorated of the Cape of Good Hope, or holder
hereof. We are duly authorized by Messrs. Palmer's, Mackillop,
Dent & Co. London, to engage on their behalfs that they will accept
the first presented bill of exchange, at Six Months Sight,
Dent & Co. London, to engage on their behalfs that they will accept
the first presented bill of exchange, at Six Months Sight,
Messrs. Palmer's, Mackillop, Dent & Co., on their acceptance on
behalfs, Palmer's, Mackillop, Dent & Co.

New York, 7th June, 1842.

For First of Exchange.

£ 300 Sterling.

No. 130.

* This bill is endorsed, "Pay George D. Carter, or order.—Davis, Brooks & Co."

No. _____	£ _____	No. _____	£ _____
FOR FIRST OF EXCHANGE.		1S _____	
WESTERN BANK OF SCOTLAND,			
To _____	1S _____	Sixty Days after sight, pay this First of Exchange,	
I hereby engage to accept and to pay at Maturity, the first presented Bill of the set of Exchange, of which the annexed is the First, to be drawn by _____ on the Western Bank of Scotland, on or before		(Second and Third of same tenor and date unpaid,) to the order of _____	
at Sixty days' sight,		at Messrs. Jones, Loyd & Co's London, value received as advised	
provided this Letter of Credit, as annexed to such Bill, be presented therewith and delivered to me on acceptance thereof.		To the Western Bank of Scotland, Glasgow. Manager.	
For the Western Bank of Scotland, Glasgow, _____. Manager.			

THIRD OF EXCHANGE.

No. _____ £ _____ No. _____ £ _____ 18 _____

CLYDESDALE BANK, GLASGOW.

To _____

We hereby engage to accept and to pay at maturity the first presented Bill of the set of Exchange of which the annexed is the Third, to be drawn by you on us, on or before the _____ for £ _____ Sterling, say _____ Sterling, payable in London at a date not less than _____ and not exceeding _____ days' sight, provided this Letter of Credit be delivered to us on acceptance of the annexed Bill.

Value received as advised.

To _____

For the Clydesdale Banking Company.

To _____

(First and Second of the same tenor and date unpaid,) to the Order

in London _____

Sterling,

The Bank of England had their attention called to this subject, and consequently issued expressly for remittance to India bank post bills drawn at sixty days' sight. The following account of this arrangement is taken from a City Article of the *Times* :—

“ Some inquiries having been made as to the origin of the bills at 60 days' sight, drawn by the Bank of England, alluded to the other day, and the mode in which the operation is conducted, the following information may be found acceptable :—

“ About the year 1836, the bills of the East India firms had been brought into temporary discredit by some failures which happened at the time, so that these bills did not find ready purchasers in the Bombay market. It was conceived, therefore, that a new sort of paper of unquestionable credit might be introduced into India with advantage, and nothing seemed more fitted for this purpose than bills made by the Bank of England, and payable by themselves. A resolution, passed in April, 1836, authorized the issue of the required paper, and since that time it has been in use.

“ And now, with respect to the mode of operation. A party who wishes to remit money to India applies to the bank by filling up the following form, to which a list is attached, and pays (of course at par) for the bills which he takes :—

“ ‘ To the Cashiers of the Bank of England.

“ ‘ London, _____, 18____

“ ‘ _____ request to be furnished with the undermentioned bills, at 60 days' sight, in triplicate, amounting to £_____, the firsts to be accepted and held by the Bank of England, for the purpose of being delivered to the holders of the seconds or thirds, whichever may be first presented.’

“ The bills so obtained are remitted to India, and have a peculiar advantage, which is expressed by the condition in the form that the ‘firsts’ are to be accepted and held by the Bank of England. The paper which is drawn by a firm in India on London, is generally made payable at 60 days after sight, but the 60 days do not begin to run till after their acceptance in London. The bank paper, on the contrary, being accepted at once, and held for the purpose of being delivered to the holders of the ‘seconds’ and ‘thirds,’ the 60 days begin to run from the date, and the bills are payable immediately on their return to London from India. This advantage, and the unquestionable credit of the paper, often enable the holder to dispose of them at a good premium in the India market in

certain states of the exchanges, and thus they become, as it were, an article of commerce.

" Notwithstanding the obvious advantages of this paper, it is not so commonly used as it might be imagined. This is attributed to the competition of some of the Scotch banks, who offer an inducement for the circulation of their own paper. The Bank of England pay no interest, treating the 60 days' bill just as they would treat an ordinary note, and have the use of the money paid during all the time that the bill is performing its voyage to India, is finding a customer in the Indian market—a slow process in some states of the exchanges—and is returning home. The Scotch firms, on the contrary, allow interest during this time, or a portion of it, and thus the capital of the holder does not lie completely idle. Hence a preference is, in many instances, given to the Scotch firms."

IV. REGULATIONS FOR SETTLING THE BANK EXCHANGES AT EDINBURGH.

1. There shall be every Thursday morning an exchange of the notes collected on Monday, Tuesday, and Wednesday; and every Saturday an exchange of the notes collected on Thursday, Friday, and Saturday. The balances struck on Saturday shall, with the Glasgow and country exchange receipts, be settled on Monday. The balances struck on Thursday shall be settled on the same day; and this settlement shall include the country exchange receipts of Wednesday, and the Glasgow exchange receipts of Thursday. The exchange on Saturday shall not be interrupted by holidays; but on these occasions it shall commence at half-past nine o'clock A.M. When Monday is a holiday, the settlement shall be made on Tuesday.

2. When exchanges are established in provincial towns, the notes received at the exchanging agencies there must wait for the return of the next local exchange day; and must, under no pretext, be forwarded to meet the exchanges in Edinburgh, or at the other agencies.

3. All payments of balances shall be made in exchequer bills of 1,000/- each, the thousands of the balance to indicate the number of exchequer bills; it being understood, that Bank of Scotland, Royal Bank, or British Linen Company notes of 100/- each, or Bank of England notes of 100/- and upwards, or gold, shall be employed to pay fractional parts of 1,000/- only.

4. The amount of exchequer bills to be kept in the exchange circle is apportioned as follows:—

Bank of Scotland	£24,000
Royal Bank	24,000
British Linen Company	24,000
Commercial Bank	24,000
National Bank	24,000

Union Bank	£24,000
Western Bank	24,000
Clydesdale Bank	12,000
Edinburgh & Glasgow Bank	12,000
City of Glasgow Bank	12,000
	<hr/>
	£204,000

5. Exchequer bills put into the circle, to be filled up, payable to the banks which have originally contributed them, and to be blank indorsed when first paid away. They shall be registered, before they are put into the circle, in a book kept in the Bank of Scotland for the purpose, and shall bear the distinguishing mark of "Edinburgh Exchange Bill," affixed by the Bank of Scotland, showing that they belong to the Edinburgh exchanges, and are not to be used for any other purpose whatever.

6. All the exchequer bills placed and retained in the exchange circle to bear an uniform rate of interest, and shall be paid and received in the exchanges at their nominal pr value, with the interest accrued ; and when they are withdrawn, in consequence of being called in, or from an alteration in the rate of interest, a voucher in the form annexed (Schedule A) shall be issued for each exchequer bill by the banks by whom they were provided to pass as such, till replaced by the new bills in course of post after they are issued from the exchequer.

7. As exchequer bills may be expected to accumulate occasionally with some of the banks, while the stock of others is exhausted or becomes low, the parties holding the greatest amount of bills shall be bound to sell to the parties in want of them, who shall, on the other hand, be obliged to buy ; but the holders shall not be required to reduce their stock of exchequer bills, by selling below an excess of two-thirds over their original quota, unless necessary for the settlements ; and parties whose stock of bills is short shall not be required to purchase more than will make up their stock to one-third of their original quota.

8. Purchasers of exchequer bills shall buy from parties holding the largest proportional amount, with reference to their original quota, and two-thirds more ; and the party holding the largest proportion shall have a continued preference in selling to one or more purchasers, until the stock of the selling bank is reduced to two-thirds above their original quota, when the next largest proportional holder at the time shall have the preference, and so on.

9. Exchequer bills bought shall be paid for by drafts on London bankers at five days' date ; and the purchasers of exchequer bills shall pay, in addition to the principal sums in the bills, the growing interest, at the rate allowed by the exchequer, up to the date of the drafts falling due in London, and shall furnish stamps for the drafts.

10. Transactions in the purchase and sale of exchange bills may be

made on either of the settling days in the week ; but they shall be made only in the exchange-room, and solely for the settlement of the exchange ; and no private transactions of this kind between bank and bank shall be permitted, so that the number of exchequer bills in the hands of any one party after the exchanges are so settled shall be the number returned on the next exchange day.

11. In the event of any exchange draft being dishonoured, without prompt and most satisfactory explanation of the cause, the bank issuing such draft shall be immediately excluded from the clearing-room, and their notes shall be refused in all future transactions with the public.

12. The exchanges shall be made alternately—on Thursdays in the Bank of Scotland, and on Saturdays (with the relative settlement on Mondays) in the Royal Bank ; and these banks will undertake to receive from the banks which are debtors, and to pay to the banks which are creditors in the exchanges, the exchequer bills, Bank of England and other notes, and gold, which are passed in payment of the balances ; but the Bank of Scotland and the Royal Bank shall not, nor shall either of them, be in any way responsible for the exchange transactions, nor otherwise soever.

13. The clerks of the different banks shall appear in the clearing-room at ten o'clock A.M. on Thursdays and Saturdays, and, before the exchange operations commence, they shall write down, on the board allotted for the purpose, the amount of exchequer bills held by the banks they represent ; and after the balances are struck and ascertained on the settling days, they shall mark on the same board the exchequer bills which will be in their hands after the balances are settled by the Bank of Scotland and Royal Bank ; and this is to be considered the number on which all transactions in the purchase and sale of exchequer bills for that day shall be founded.

14. After the balances are struck on Thursdays and Mondays, statements of the same shall be conveyed to the respective banks by their own clerks, who shall afterwards attend in the clearing-room, to pay and receive the balances due, at half-past eleven o'clock on Mondays, and at half-past three o'clock on Thursdays, after the vouchers of the balances of the Glasgow exchange of that day are received. These are to be conveyed, by a special messenger, from the Glasgow banks of issue alternately, and to be delivered by him personally at the banks to whom they are addressed in Edinburgh.

15. The British Linen Company having, from a desire to promote the general convenience, consented to forego the advantage they have hitherto enjoyed of making their whole exchanges with banks junior to themselves within their own office, no certified statements of their separate exchanges will henceforth be necessary.

16. The seventh and eighth regulations will tend, in a great degree, to equalize the amount of exchequer bills among the different banks ; but

as it may possibly happen, notwithstanding, from some peculiar state of the exchanges, that exchequer bills may accumulate in the hands of one bank to a considerable amount beyond its quota and two-thirds more, without the power of sale to any other bank, according to the above regulations, then that bank, when the amount on hand exceeds fifty-seven, may require the bank holding the fewest number, although not under one-third of their quota, to purchase up to their quota, and so on to the next lowest, until the stock of the selling bank shall be reduced to the original quota and two-thirds more.

17. The annexed Schedule will be the guide to distinguish the extreme points, in terms of the seventh and eighth regulations, at which sales and purchases of exchequer bills are to proceed.

18. All the exchanging banks shall have free access, at such times as may be convenient, to the record of the exchange transactions.

19. The subscribers, having framed these regulations with the view to keep the circulation of Scotland in a sound state, as well as to give facility in the settlement of their balance of notes issued in the fair way of business, and being of opinion that it is discreditable in a bank of issue to force its notes into circulation, by exchanging them for other notes in the circle, they resolve to check and discourage any such irregular issues by every means in their power.

20. It is further understood and agreed, in consideration of the circulation of each bank (other than what may be issued against gold and silver coin) being fixed and limited, by the Act 8 & 9 Vict. c. 38, that the banks shall bring to the exchange-room regularly, at their head office and agencies, all the exchangeable notes which they receive, and that under no circumstances shall any bank issue the notes of another bank of issue in Scotland without permission first asked and obtained.

21. The parties to this agreement shall be entitled to withdraw from it, and to receive back their exchequer bills at their par value, with accruing interest, on giving three months' notice.

Edinburgh, Feb. 16, 1846.

ALEX. BLAIR, for the Bank of Scotland.

ROBERT SYM WILSON, for the Royal Bank of Scotland.

THO. CORRIE, for the British Linen Company.

ROBERT PAUL, for the Commercial Bank of Scotland.

GEORGE CROSBIE, for the National Bank of Scotland.

SAM^t HAY, Cashier, for the Union Bank of Scotland.

PETER RAMSAY, for the Western Bank of Scotland.

WILLIAM FLEMING, Manager, Edinburgh, for the Clydesdale Bank.

ARCH. BONAR, for the Edinburgh & Glasgow Bank.

ROBERT BELL, for the City of Glasgow Bank.

VI.—*Exchange Banks, and Exchange Companies.*

As these institutions exist only in Scotland, they may fairly be classed among the banks of Scotland. At the period they originated I wrote the following letter to the late Patrick Maxwell Stewart, Esq. M.P. for Renfrewshire, who had asked my opinion on the subject. This letter, was afterwards published in the *Railway Herald*.

“ In compliance with your request, I will now give you my notions respecting the new Exchange Banks recently formed in Scotland.

1. A division of labour among banking institutions is by no means a new idea. There is scarcely any bank that carries on every branch of the business of banking. The dealing in foreign exchanges, which forms so large a portion of the business of Continental bankers, is quite unknown to English bankers; it is confined to merchants, or to large monied houses, like the Messrs. Rothschild. In London, the West-end bankers, as Messrs. Coutts and Messrs. Drummond, do not discount commercial bills, but confine their advances to mortgages, as their connexions lie chiefly among the aristocracy; while the city bankers look on mortgages with horror, and make their advances by the discount of bills and short loans on personal security. Loan Banks, or Monts de Picté, have been in existence for several centuries as a distinct branch of business, and loan societies are now sanctioned with us by Act of Parliament. Some London bankers do not take the agency of country banks, while the agency of colonial and foreign banks is often taken by mercantile houses, who carry on no other part of the business of bankers. I might add to these illustrations, but these are enough to show that division of labour among banking institutions is accordant with every-day practice, and therefore the

new exchange banks, in marking out for themselves a particular line of conduct, cannot be charged with any deviation from acknowledged principles.

2. But then comes the question—Is the particular department of banking marked out for themselves by the new exchange banks sufficiently extensive to justify the formation of banks for that particular department, and also sufficiently lucrative to justify the anticipation of profit to the shareholders? With regard to the extent, there can be no doubt that, from the formation of railways, and the multiplication of companies of all sorts, those kinds of securities on which commercial banks do not like to make advances are largely on the increase. It is likely, too, that these exchange banks would attract much business in the way of advances on goods, &c., which is now done by brokers or individual capitalists. With regard to profit, it is well known that loans on the kind of security taken by the exchange banks are always charged a higher rate of interest than commercial bills.

3. One reason for the formation of banks to take up this particular line of business is, that it requires a peculiar kind of knowledge in the manager. He must make himself acquainted with certain points of law connected with shares, with the value of all shares in the market, the history and prospects of each company, the law and practice with regard to bonded goods, and other matters that do not usually come under the notice of the manager of a commercial bank, and the knowledge of which he could not readily acquire and maintain without neglecting other matters of, to him, greater importance. •

4. Although the rate of interest obtained by the exchange banks, will be higher than what is termed the market rate, yet it will be affected by the market rate, and hence I think an exchange bank cannot yield a high

dividend to its shareholders, unless it transacts a large amount of business. The only deductions from the interest received must be the expense of the establishment. Every commercial man knows that a large establishment can be conducted with a less *proportional* expense than a small one. To conduct even a small business with safety, an exchange bank must have a first-rate manager; but as the business increases, the same manager transacts the increased business, and the chief increased expense is in the number of clerks. In a large bank the expense may form a small proportion to the profits; in a small bank the expense may equal the profits, or even exceed them. To do a large business, of course an exchange bank must have a large capital.

5. After a while, these exchange banks may obtain funds beyond their own capital. The commercial banks obtain such funds by the issue of notes, the balance of drawing accounts, lodgments on deposits, and the issue of drafts on London and elsewhere. None of these means are adapted for exchange banks except the lodgments on deposits. After they are better known to the public, perhaps they may be able to receive deposits for three, six, or twelve months certain, on which they may afford to allow higher interest than is allowed by the commercial banks. Possibly some persons may prefer lending to these banks on liberal interest rather than lending on mortgage. Any large extent of this business would, of course, add proportionably to the profits of the bank.

6. I know of no better form of government for an exchange bank than a board of directors and a manager. Commercial banks find a large board useful, as the number of directors exalt the bank in public estimation, and extend its influence, but with an exchange bank a small number of efficient directors would be preferable.

But all banks should avoid what are called "managing directors." A manager is selected because he has had a banking education, and has obtained banking experience. Over him are placed two directors, who have had no banking experience. The manager is thus reduced to a clerk, and having neither power nor responsibility, he has no stimulus to exertion. The managing directors being members of the board, their brother directors do not scrutinize their acts so closely as they would the acts of the manager. These other directors thus become ciphers. A bank thus governed resembles a private bank with two partners, with this difference, that the private bankers understand their business, and deal with their own money. The main objects of managing directors are to direct the manager, and to manage the directors. Most of the English joint-stock banks that have gone astray have been either constitutionally or practically governed by managing directors. The great object of the exchange banks should be to manage their affairs prudently; though a large business is essential to good profit, yet they should not attempt a large business with a small capital. Let them get a large paid up capital first, and the large business will come of course. The main danger to which they are exposed is, that they may attempt to get on too fast.

7. An obstacle to the progress of these banks is the stamp-duties on the transfers of shares. I trust these and all other banks and companies will use their influence to get these duties abolished. In political economy, there is no proposition capable of clearer demonstration than that domestic taxes on the transfer of property are pernicious. Our Government seem to have recognized this principle last session in their spontaneous surrender of the auction duties. There is no more reason in laying

a tax upon the sale of railway shares than there would be in laying a tax upon the sale of iron and timber. It will be a happy thing if the formation of exchange banks should have the effect of causing these taxes to be repealed.

You will perceive from what I have written that my opinions are in favour of these exchange banks. Presuming they will be well managed (for without good management no bank can succeed), I think they will be found profitable channels for the employment of capital, and after a while may worthily take their place side by side with the other banking establishments of Scotland."

The following extracts, from a letter addressed in March, 1847, by George Kinnear, Esq. the manager of the Glasgow Commercial Exchange Company, to Alexander Blair, Esq. the treasurer of the Bank of Scotland, point out the difference between the business of those companies and that of the Commercial Banks :—

" The advances of exchange companies are all made, irrespective of commercial credit, on the security of shares in joint-stock companies. Although these shares present the most undeniable and complete security, *they do not present* what all prudent bankers understand by *a legitimate banking security*. Every banker knows that he might as well devote his funds to lending over land as over shares ; that when he does so, he in reality *abstracts his funds from banking*, and to that extent loses his banking power ; and that, just in proportion as he does so, he must be prepared to give up his commercial business.

" It is this which has induced prudent bankers, not only in Scotland but everywhere else, to repudiate such transactions as inconsistent with the prosperity of their *commercial* business. They do occasionally lend a customer over his shares, as they also occasionally lend a customer over the security of his title deeds, but they regard both as equally foreign to their legitimate business, and are well aware that if they practised either for any length of time they would ruin their legitimate commercial trade."

" The Commercial Exchange Company allows interest at 5 per cent. on deposits for six months certain, and repayable at three months' notice. The Bank of Scotland allows interest at 4 per cent. on deposits repayable

at call. I may appeal to any respectable banker, bill-broker, or money-dealer of any kind, if a difference of one per cent. per annum is too much between money for nine months certain, and money at a moment's notice? I maintain that it is not; and that the extra one per cent. which we pay is justly due on account of the superior character of the article which we receive."

"The whole of the money lent by the Commercial Exchange Company is at the rate of 6½ per cent. per annum, and is lent for six months at a time. On all six months' paper the Bank of Scotland charge 6 per cent. so that the Commercial Exchange charge only one-half per cent. more than the Bank of Scotland. Nor is this half per cent. charged for nothing; as the bank has no trouble in taking bills at six months, while the Exchange Company has the trouble and risk of taking over securities, and of renewing and changing them for the parties as they may desire."

"The Exchange Company allows 5 per cent. for money, and charge 6½ per cent., making a fixed difference in favour of the company of 1½ per cent. The Bank of Scotland allows on current accounts 3½ per cent., on deposit receipts 4 per cent., and charges on bills under four months 5 per cent., and above four months 6 per cent.; making a difference in favour of the bank varying from one per cent. up to 2½ per cent."

"The directors of the Commercial Exchange Company have allowed to the public 5 per cent. on money deposited with them; and they have done so, although the Bank of Scotland and the Royal Bank only allow 4 per cent."

"If money, repayable on demand, be worth to these banks 4 per cent. it follows as a matter of course, that money for six months certain, and repayable at three months' notice, ought to be worth 5 per cent?"

"I beg of you to recollect what class of people it is who are the great majority of depositors. Mostly persons incapable of working—maiden ladies, widows, and orphans—people incapable of making the most of their money for themselves—nay, most of them, either from their sex or their ignorance of business, hardly capable of judging where their money is safe.

"It is a very great pleasure to me to know that the establishment of the exchange companies has been of great service to this class of persons. Hundreds of persons of moderate means have had their comforts increased, by the increased interest they thus derive from the money, on the produce of which they are obliged to live; and I rejoice to believe, that thousands will yet enjoy similar benefits."

"The exchange companies no more compete with banks than do the river trusts, harbour trusts, railway companies, road trusts, and other public undertakings, who borrow money for lengthened periods. There is, in fact, no possible room for jealousy or competition between banks

and exchange companies, for there is no business undertaken by the one which could be accepted of by the other with any safety or propriety. You will yourself acknowledge that the Bank of Scotland could not afford to receive money on deposit for nine months certain at 5 per cent.; and I assure you the Commercial Exchange Company could not afford to give 4 per cent. for money at call."

"We do not, in the smallest degree, injure or interfere with the prosperity of commercial banking; on the contrary, the establishment of exchange companies must have given a very acceptable apology to prudent bankers for declining to make advances to their customers on securities, which (although quite good in themselves) are as foreign to prudent banking as advancing money on mortgage over land."

"What you call evils are in fact great public benefits. First, by conferring substantial advantages on a certain class of depositors; and secondly, by enabling the internal improvements of the country to be carried out with an ease and rapidity which could not otherwise be attained."

The Exchange Banks and Companies that have been formed in Scotland are the following:—

1. The Exchange Bank of Scotland, at Edinburgh.
2. The Commercial Exchange Company, at Glasgow.
3. The Union Exchange Company, at Glasgow.
4. The National Exchange Company, at Glasgow.
5. The Glasgow Exchange Company, at Glasgow.
6. The West of Glasgow Exchange Company, at Glasgow.

1. The Exchange Bank of Scotland.—This bank has a charter under Sir Robert Peel's Act of 1845. Its paid-up capital is 350,000*l.*, and it has about 400,000*l.* deposits. It cannot issue notes. In making payments it issues the notes of the City of Glasgow Bank. It has paid a dividend of 6 per cent.

2. The Commercial Exchange Company.—This bank has no charter. It was established before the passing of the Act of 1845, but not registered until after the passing of the Act. It has since registered, and hence the directors consider that they are entitled to carry on business as a bank without a charter. The extracts we have made from

the pamphlet of Mr. Kinnear, the manager of this bank, will show the principles on which it is conducted.

3. The Union Exchange Company of Glasgow, does not profess to be a bank at all, and hence avoids the question of a charter. At a special general meeting of shareholders, held in November, 1846, it was resolved "that the word 'banking' be omitted from the name or firm of the Company, as prescribed by the first article of the contract of copartnery, and from the description of companies referred to in the third article of said contract; and that a special declaration be added to the said third clause of the said contract, that it has not been, and does not form any part of the business of the company to make advances simply on personal security, unaccompanied by the collateral security of real or personal property." Its paid-up capital is about 250,000*l.*, on which it has paid a dividend of 7½ per cent.

4. The National Exchange Company.—This company has been very unsuccessful. It commenced in the year 1845, and got into difficulties at the end of 1847. Their first paid-up capital was 210,790*l.* They have since made a call of 2*l.* a-share more, on 57,000 shares, to enable them to meet their liabilities.

5. The Glasgow Exchange Company began business in 1847, and wound up creditably in 1848, returning to their shareholders 4*s.* per share more than they had paid up.

6. The West of Scotland Exchange Investment Company, is winding up its affairs, and is expected to return to its shareholders nearly the whole of its paid-up capital—about 120,000*l.*

The losses that have fallen upon exchange companies seem to have arisen mainly from the great reduction that has taken place in the price of railway shares. The following observations of the directors of the Glasgow Exchange

Company, with reference to the prosecution of their business, appear very just and impartial :—

“ The directors will first state the negative view of the question. From the nature of the transactions which form the general business of exchange companies, their success depends chiefly upon a high state of the prosperity of the country, and particularly of railway enterprise. The main object of nearly all who enter into such transactions is to realize the benefits of an expected augmentation of the value of the stock ; the business, therefore, is necessarily attended with risk, and though that risk may be guarded by what appears an ample margin, recent experience has shown that this has not been a sufficient precaution.

“ The directors' short experience may not give much weight to their opinion ; but it appears to them to be essential to the profitable management of the company's business, that it should possess, in addition to its own capital, a considerable amount of money in loans from the public. The employment of such money is the chief source of the profit of banking companies, and this advantage is still more required by exchange companies. To command a share of such loans, this company must possess the confidence of the public : what might tend to infuse this confidence would be a large paid-up capital ; but although this would be quite requisite, if the business is to be carried on, yet it is doubtful how far it would remove the strong prejudice which has taken possession of the public mind against exchange companies,—a prejudice which is a good deal mixed up with the injurious effects to individual fortunes which recent bankruptcies have disclosed, as arriving out of transactions with exchange companies.

“ The directors will now state what has occurred to them in favour of prosecuting the business.

“ The magnitude of railway stock in this country is so great, that it may be fairly concluded it will always form a subject of extensive dealings, and that, therefore, there will always be a large field on which business may be cultivated. In ordinary times, the risks attending the business of the company would not be much ; and it is not to be expected that a period such as has just been passed, distinguished by extraordinary vicissitudes in the value of ~~public~~ securities, will often occur.

“ The prejudice which exists against such companies at present, time may remove, for it does not appear to the directors that the grounds of that prejudice rest on any principle that would not apply to any other joint-stock company ; but it is not to be concealed that the existence of this prejudice will be an obstacle, for a time, to the facility of increasing the paid-up capital, and the increase of loans from the public,—both essential to the profitable results of the business.”

SECTION VII.

THE BANKS OF IRELAND.

THE last Act of Parliament for regulating banks in Ireland is the 8 & 9 Vict. cap. 37, passed in the year 1845.

This Act recites that by the Act 21 & 22 Geo. III. an Act was passed for establishing a bank by the name of the Governor and Company of the Bank of Ireland; and which prohibited any other company consisting of more than six persons to issue notes payable on demand or within any time less than six months. That by the Act 1 & 2 Geo. IV. cap. 72, other companies consisting of more than six partners might issue notes payable on demand, at a greater distance than fifty miles (Irish) from London. And that by 6 Geo. IV. cap. 42, and 1 Wm. IV. cap. 32, such co-partnerships of bankers might transact certain matters of business by agents in Dublin, including the payment though not the issue of notes.

The Act further recites that the Bank of Ireland had at various times advanced for the public service, the several sums of 600,000*l.*, 500,000*l.* and 1,250,000*l.* late Irish currency; and that by the 48 Geo. III. cap. 103, the charter of the Bank of Ireland was extended to the first day of January, 1837—upon twelve months' notice to be published in the *Dublin Gazette*, and after the repayment

of the above-mentioned sums. And that by the Act 1 & 2 Geo. IV. cap. 72, the Bank of Ireland had agreed to advance a further sum of 500,000*l.*, and the bank was empowered to enlarge their capital to 3,000,000*l.*; making the total advances 2,850,000*l.* late Irish currency, equal to 2,630,769*l. 4s. 8d.* sterling money of the United Kingdom of Great Britain and Ireland; on which, by the Act 3 & 4 Vict. c. 75, the bank received an annuity from the Government of 115,384*l. 12s. 4d.* sterling, payable on the 5th of January and 5th of July in each year, redeemable upon six months' notice, to be given after January 1st, 1841, and after payment of the above-mentioned sums.

The Act farther recites, that the above annuity of 115,384*l. 12s. 4d.* has, with the consent of the said governor and company, been reduced to 92,076*l. 18s. 5d.*, being at the rate of 3½ per cent. per annum on the capital sum of 2,630,769*l. 4s. 8d.*, which capital sum shall not be repaid until the expiration of six months' notice, to be given after January 1st, 1855; and that, during such term, the said governor and company shall manage the public debt free of all charge. The company is to continue a corporation, for the purpose of carrying on the business of banking, but not to have any exclusive privileges. The charter to continue until the expiration of twelve months' notice to be given, and published in the *Dublin Gazette*, after January 1st, 1855, and upon repayment of the sums due from the Government to the bank.

The Act removes, from the 6th day of December, 1845, all restrictions upon banks having more than six partners issuing notes and carrying on business in Dublin, and within fifty miles thereof. But no bank shall issue any larger amount of notes than the average amount he had in circulation during the year ending the first day of May, 1845, (which amount shall be certified by the Commis-

sioners of Stamps,) and the amount of gold and silver coin he may have in his hands, in the proportion of not more than one-fourth of silver to that of gold.

In case two banks should unite, the new bank to have the power of issue to the amount of both the united banks. Any bank may arrange with the Bank of Ireland to give up its issue; and in that case the Bank of Ireland may increase its issue to that amount. But the bank that thus contracts shall not afterwards resume its issue. All notes for a fractional part of a pound are prohibited. Each bank issuing notes is required to send to the Stamp-office weekly returns, stating the amount of notes in circulation on each Saturday, distinguishing those below 5*l.*; and also the amount of gold and silver coin held at each of the head offices or principal places of issue in Ireland. And from these returns the Commissioners of Stamps and Taxes shall make a monthly return, which shall be published in the *Dublin Gazette*. This monthly average must not exceed the amount certified by the commissioners and the amount of gold and silver on hand.

All banks are required to send a list of their shareholders to the Stamp-office, every year, between the 1st and the 15th of January, to be published in the *Dublin Gazette* before the 1st day of the succeeding March. All banks, whether they issue notes or not, are entitled to sue and be sued in the name of their public registered officer.

Upon the Act of 1845, for the Regulation of Banks in Ireland, we may observe:—

1. The authorized issue is like that of the banks of Scotland, the average amount of the year ending on the 1st day of May, 1845.

2. If any two banks unite, the new bank may issue to the amount of the circulation of both the united banks.

Here the law is the same as that of Scotland, but different from that of England.

3. If any bank gives up its issue, and agrees to issue Bank of Ireland notes, the Bank of Ireland may increase her authorized issue to the full amount of the issue of the bank whose notes are withdrawn. In England, the Bank of England can, in a similar case, issue only to the extent of two-thirds of the issue of the bank whose notes are withdrawn. There is no similar provision in the Act referring to Scotland.

4. Another difference may be noticed between Ireland and Scotland. All the notes issued at the branch banks in Scotland are payable only at the head office of the bank that issued them. In Ireland all the notes are legally demandable in gold at the branches where they have been issued. Hence the banks in Ireland must keep some gold at every branch, while the banks in Scotland need not have any gold except at the head office. In both countries, the banks must hold a stock of gold equal to the amount of notes in circulation beyond the authorized issue: and, according to the Act, this gold must be at the head office, or chief place of issue. The gold held at the branches, however necessary for business purposes, is not taken into account in the returns to the Stamp-office. The banks, indeed, return the whole amount of the gold in their possession; and it is this which is published in the newspapers. But the amount held against the excess of authorized issue must be held at the chief office, or other chief places of issue. In the Provincial Bank of Ireland these places are Cork, Limerick, Dublin, and Belfast. They are desirous of having in addition Waterford and Sligo.*

The banking institutions of Dublin are the Bank of Ireland, which is a chartered bank, like the Bank of England. It is the Government bank. It issues notes, and has branches in the principal towns throughout Ireland. It has now no exclusive privileges.

The Provincial Bank of Ireland, and the National Bank of Ireland. These are joint-stock banks that issue notes, and have numerous branches. These two banks are governed by boards of directors, who meet in London.

The Hibernian Bank, and the Royal Bank of Ireland. These are joint-stock banks, that do not issue notes, and have no branches, except that the Hibernian Bank has a branch at Drogheda.

The private banks of Messrs. La Touche & Co., Messrs. Ball & Co., and Messrs. Boyle, Low, Pim & Co.

There are three joint-stock banks at Belfast, all of which issue notes and have branches. They are the Northern Bank, the Belfast Bank, and the Ulster Bank.

There is also a joint-stock bank at Tipperary, which does not issue notes, but has several branches.

The Bank of Ireland.

In tracing the history of banking we may observe that most public banks have been formed, in the first instance, under the protection of the Government of the state in which they were established. Such was the case with the banks of Venice, Genoa, and Amsterdam ; and such, too, was the case with the banks of England, of Scotland, and of Ireland. The former were closely connected with the state, and may properly be called "State Banks;" the latter had peculiar privileges bestowed by charter, and are usually called, "Chartered Banks." These privileges may be divided into two classes, those which refer to the proprietors themselves, and those which refer to other parties.

The privileges of the first class relate to the amount of capital, the form of government, the number of the directors, and the mode of their nomination, the meeting of the proprietors, and the specification of the branches of business the bank are allowed to carry on. The privileges of the second class, refer to the restricted liability of the shareholders, and the prohibition of other parties carrying on the same business.

If the charters granted to banking companies conferred only the first class of privileges, they would be liable to but little objection. In the infancy of commerce and of banking, the assistance of the Government may with propriety be granted to encourage the formation of institutions, so eminently calculated to promote the public advantage. But of what avail are prohibitory clauses? If no other persons are disposed to form similar institutions, then those prohibitions are a nullity. But if other parties are disposed to form similar companies, without the assistance of the Government, then why should the Government interfere at all? Why should they grant a charter to effect an object which can be effected without their assistance?

In the charter first granted to the Bank of England in 1694, there was no prohibitory clause. But when the charter was renewed in 1708, it was enacted that no other company formed of more than six persons should carry on the business of banking in England. The charter granted to the Bank of Scotland, in 1695, contained the following prohibition—"That for the period of twenty-one years from the 17th of July 1695, it should not be lawful for any other persons to set up a distinct company or bank within the kingdom of Scotland." This privilege was not renewed after the expiration of the twenty-one years; and in the year 1727, a charter, without any prohibitions, was

also granted to the Royal Bank of Scotland. In the year 1746, the British Linen Company was formed, and carried on the business of banking as a joint-stock company. Subsequently this bank also obtained a charter, but without any exclusive privilege. Hence Scotland has had the advantage of chartered banks, and joint-stock banks, and private banks, all working well together without producing those effects which in this country have followed the prohibitory clauses of the charter of the Bank of England.

Both in its constitution and government the Bank of Ireland closely imitated the Bank of England; and it has produced in Ireland most of the advantages and evils which that establishment has produced in this country. It has supplied the country with a currency of undoubted solidity; it has supported public credit, it has granted facilities to trade, and it has assisted the financial operations of the Government. On the other hand, its prohibitory clause necessarily led to the formation of many private banks, whose failure was the cause of immense wretchedness to all classes of the population.

The charter of the Bank of Ireland contained a clause, which prevented more than six persons forming themselves into a company to carry on the business of banking in Ireland. In the year 1824, they surrendered this exclusive privilege, as far as regards those places which are situated at a greater distance than fifty Irish miles from Dublin; and in 1826, the Bank of England made a similar surrender, with regard to places at a greater distance than sixty-five miles from London. As eleven Irish miles are equal to fourteen English miles, fifty Irish miles are equal to about sixty-five English miles. But it must be observed, that Dublin is situated on the sea-coast, therefore, the Bank of Ireland had only the monopoly of a semicircle, whose radius is fifty Irish miles. But London, being

situated inland, the Bank of England had the monopoly of a whole circle of 130 English miles in diameter.

The Bank of Ireland was established by an Act of Parliament passed in 1782, 21 & 22 Geo. III. cap. 16. The following are the provisions of this Act :—

The capital was 600,000*l.*, which was lent to Government at 4 per cent. No one person was permitted to subscribe more than 10,000*l.* If the bank incurred debts to a greater amount than their capital, the subscribers were answerable in their private capacity to the creditors in proportion to their subscriptions. The bank were not either to borrow or to lend money at a higher interest than 5 per cent., nor to engage in any business but banking. The stock to be transferable, and deemed personal estate, and as such to go to the executors of the holders, and not to their heirs. No transfer of bank stock to be valid, unless registered in the bank books, in seven days from the contract, and actually transferred in fourteen days ; the charter to expire at twelve months' notice after the 1st day of January, 1794, and repayment of all sums due by the Government to the bank.

The charter is dated May 15, 1783, and contains as follows :—Such persons as should subscribe before January 1, 1784, the sum of 600,000*l.* were to be formed into a corporation, to be styled the Governor and Company of the Bank of Ireland ; the corporation were to have a governor, deputy-governor, and fifteen directors ; which governor, deputy-governor, and directors, or any eight or more of them, shall be called a Court of Directors, for the management of the affairs of the corporation.

Fifteen directors shall be chosen annually, between March 25 and April 25 in each year, and not above two-thirds of the directors of the preceding year to be re-elected.

The notice for the meeting of general courts of proprietors to be affixed upon the Royal Exchange in Dublin at least two days before the time of meeting.* The qualification for a voter at a general court shall be 500*l.* stock, to be held for six months preceding, unless it came by will, marriage, &c. The qualification for governor shall be 4,000*l.* stock, and for deputy-governor 3,000*l.*, and for director 2,000*l.*

No dividend shall at any time be made by the said governor and company, save only out of the interest, profit, or produce, arising by or out of the said capital, stock or fund, or by such dealing, buying, or selling, as is allowed by the said Act of Parliament; nor without the consent of the members of the said corporation, in a general court qualified to vote as aforesaid.

The governor, or deputy-governor, shall summon four general courts at least in every year. One in the month of September, one in December, one in April, and another in July.

The governor or deputy-governor shall also summon a general court, whenever requested to do so by nine members, each holding 500*l.* stock.

If governor and deputy-governor be absent one hour after the usual time of proceeding, at any general court or court of directors, a chairman shall be chosen for that time only, who shall have like privileges as the governor or deputy-governor.

Governor, deputy-governor, ~~or~~ chairman, not to vote in general courts, or court of directors, save when there shall happen to be an equal number of votes on each side.

The Bank of Ireland commenced business at St. Mary's Abbey, June 25, 1783. After the Union, its office was removed to the Parliament House.

In the year 1821, the capital of the Bank of Ireland was

increased from 2,500,000*l.* to 3,000,000*l.* Irish currency. The additional sum of 500,000*l.* was taken from the bank's surplus fund, and lent to the Government at 4 per cent., to be repaid by the 1st January, 1838. The increased capital was divided among the proprietors, at the rate of 20*l.* for every 100*l.* they possessed. In consideration of this increase of capital, the bank consented to a clause in this Act, whereby persons in partnership, residing fifty miles from Dublin, might carry on the business of banking, although such partnership might consist of more than six partners; but that such partnership should possess no other privilege than being allowed to sue and be sued in the name of a public officer, should Parliament hereafter think fit to grant such a power. This privilege was of little practical use, for, according to the construction put upon the Act, it required that all the partners in these banks should reside in Ireland.

In this year an Act was passed (5 Geo. IV. cap. 73,) "to relieve bankers in Ireland from certain restraints imposed by the provisions of the 29 Geo. II., and to render all and each of the members of certain co-partnerships of bankers, which may be established, liable to the engagements of such co-partnerships, and to enable such co-partnerships to sue and be sued in the name of their public officer."

Those clauses in the former Act that required the names of all the partners to be subscribed to the notes, and which prohibited bankers being traders, are by this Act repealed. Banking partnerships exceeding six persons, and carrying on business at any place beyond fifty miles from Dublin, shall be registered at the Stamp-office, Dublin; and also the names of the public officers, in whose names such partnerships sue and are sued. The names of those public officers were also required to be

subscribed to all notes and receipts issued by the company. Judgments against the public officers to operate as judgment against the partnership, and execution upon judgment may be issued against any member of the society, and the public officer to be saved harmless.

In the year 1825 was passed the "Act for the better regulation of co-partnerships of certain bankers in Ireland." It was obtained by the directors of the Provincial Bank of Ireland, as the Acts previously granted did not furnish the facilities which the Provincial Bank required for the beneficial exercise of its operations. It confirmed the permission granted by former Acts to establish joint-stock banks at a greater distance than fifty miles from Dublin, and permitted persons resident in Great Britain to become shareholders in such banks. The banks were required to register at the Stamp-office in Dublin an account of the names of the firms, the several partners therein, and the public officers thereof. The partnerships shall sue and be sued in the name of their public officers. Parties obtaining judgments in Ireland may authorize the acknowledgement of like judgment in Great Britain; and, in like manner, parties obtaining judgment in Great Britain may proceed thereon in Ireland. Judgments against public officer shall operate against the society, and execution upon judgment may be issued against any member of the co-partnership. All transfer of shares must be registered at the Stamp-office.

In this year, too, an Act of Parliament was passed to assimilate the currency of Ireland to that of England. It is entitled, "An Act to provide for the assimilation of the currency and monies of account throughout the United Kingdom of Great Britain and Ireland." (6 Geo. IV. cap. 79.) The Act recites, that the pound sterling in Great Britain and Ireland respectively is divided into

twenty shillings, and the shilling into twelve pence ; but the silver coin which represents a shilling in Great Britain is paid and accepted in Ireland for thirteen pence, and the pound sterling of Great Britain is, at the par of exchange, paid and accepted for one pound one shilling and eight pence of the currency of Ireland ; and that great complexity of accounts, and other inconveniences, arise from the said difference of currencies. It then enacts, that the currency of Great Britain shall be the currency of the United Kingdom, and all receipts, payments, contracts, and dealings, shall be made in such currency. And all contracts, debts, &c. made or contracted previous to the commencement of this Act shall be carried into effect, and satisfied by payment in British currency of 12-13ths of the amount according to Irish currency. All duties and public revenues, and all funds and public debts shall be estimated in British currency, and the accounts thereof kept accordingly. After a day to be named by proclamation, British silver and gold coins shall be current in Ireland, at the same rate of pence as in Great Britain. On the like proclamation, Irish copper coin shall be brought into the Bank of Ireland, and exchanged therefor for British copper coin, at the rate of twelve pence British for thirteen pence Irish, and the Irish copper coin shall cease to circulate. Bankers' notes shall be made payable in British currency. No notes payable in Irish currency shall be reissued after the commencement of this Act, under a penalty of 50*l.* for each offence. Bankers may deliver into the Stamp-office reissuable notes, payable in Irish currency, and receive in lieu thereof new stamps to the whole amount of the stamps delivered up, if dated within one year previous, or three-fourths if within two years, and one-half if within three years. This Act came into operation on the 5th day of January, 1826.

Very ample returns of the state of the Bank of Ireland are published in the Appendix attached to the Reports of the Parliamentary Committees. The following is that of the latest date :—

12TH FEBRUARY, 1848.

Circulation :—	£.	£.	Securities :—	£.	£.
5 <i>l.</i> and above	1,867,300		Public	3,735,800	
Under . .	1,232,900		Private, viz.		
		3,100,200	Notes and Bills dis- counted .	2,605,400	
Deposits :—			All other Private Securities)	536,900	
Public . . .	1,336,600				
Private and Sundry Ba- lances . . .	2,160,500				
		3,497,100		3,142,300	
			Specie	808,500	
		6,597,300			7,686,600

This account includes the bank and the branches. The circulation of the branches was—5*l.* and above, 769,800*l.*; under 5*l.*, 855,500*l.*; making a total of 1,625,300*l.* The deposits at the branches amounted to 564,800*l.*, and the bills under discount to 1,852,000*l.*

The Bank of Ireland has branches at the following places :—

Armagh.	Galway.	Sligo.
Ballynahoe.	Kilkenny.	Tralee.
Belfast.	Limerick.	Tullamore.
Carlow.	Londonderry.	Waterford.
Clonmel.	Longford.	Westport.
Cork.	Maryborough.	Wexford.
Drogheda.	New Ross.	Youghal.
Dundalk.	Newry.	

The Provincial Bank of Ireland.

Publit banks may be divived into three classes :— first, Chartered Banks, those which have received a charter from the crown ; secondly, Joint-stock Banks, formed

under the common law ; and thirdly, Joint-stock Banks, formed under the statute law.

The common law of England allowed any number of persons to form themselves into a partnership to carry on banking. At the same time, it presented this inconvenience in the formation of such partnerships—in all actions at law, it was necessary to state the names of all the individuals who composed the company. Another inconvenience of partnerships formed under the common law was, that all the partners were answerable for the debts of the company, to the full extent of their property, not only while they were partners, but after they had ceased to be partners, as far as regards any transactions that took place during the continuance of their partnership. The banks avoided these inconveniences, in the first place, by conducting their business in the names of trustees, in the same way as some of the insurance companies ; and in the second place, by inserting a clause in the deed of settlement, that in case the bank should lose one-third or one-fourth the amount of its paid-up capital, it should immediately be dissolved.

The Statutes 6 Geo. IV. c. 42, with reference to Ireland, and 7 Geo. IV. c. 46, with reference to England, not only repealed those Acts of Parliament which prohibited the formation of banking companies having more than six partners, but they also removed the inconveniences of the common law. It was enacted, that it should no longer be necessary, in legal actions, that the names of all the partners should be placed upon the record ; but that the company should register at the Stamp-office the name of some one person in whose name they wished to sue and be sued. Any party who had a disputed claim upon the company must sue this public officer, and when he had obtained a verdict in his favour, he might issue

judgment against all the partners, in the same way as though he had obtained a verdict against them all. And, that he might have no difficulty in ascertaining who were or were not partners, it was required that the names of all the partners should be annually registered at the Stamp-office. The statute law also obviated the second inconvenience of the common law, by enacting that every partner, as soon as he had transferred his share, should be released from all liability as to the subsequent acts of the company, and at the end of three years he was no longer liable for any acts that took place even at the time he was a partner.

The Provincial Bank of Ireland was formed under the statute 6 Geo. IV. c. 42. Few banks have, in so short a time, advanced to so high a degree of prosperity. The circumstances of Ireland at that period were friendly to the growth of such an establishment. The recent abolition of the union duties, and the introduction of steam-boats, had given a stimulus to the trade between the two countries, while nearly all the banks in the south of Ireland had been swept as by a whirlwind from the face of the land. The operations of the bank were also facilitated by the assimilation of the currency, and the measures taken by the Government and the Bank of Ireland to prevent those fluctuations in the exchanges which had previously existed. But the prosperity of this bank must be attributed chiefly to the wisdom and prudence manifested in its constitution and in its subsequent government. The capital was raised chiefly in England, and London was, consequently, made the seat of government. The board of directors was composed of merchants and statesmen, and the latter were taken from the leading men of the two parties into which Ireland was then divided. The local government of the respective branches

in Ireland was composed of directors possessing local knowledge and influence, and of managers selected for their experience in banking, and the manager had a veto upon the decision of the board. An inspector was appointed to visit the branches, and to report to the London office.

At the same time, the bank had considerable difficulties to contend against. Property in Ireland was considered insecure; political and religious feelings often interfered with matters of business; the habits of the people were not commercial; and the country had suffered so severely from private banking, that confidence was not easily acquired for a new company, the members and constitution of which were but imperfectly known. Before these difficulties had been completely overcome, the bank became involved in a competition with branches of the Bank of Ireland, and exposed to sudden demands for gold arising out of political events.

The object of the bank is thus stated in the original prospectus :—

“ The bank to have a capital of 2,000,000*l.*, if necessary, subscribed in shares of 100*l.* each. To have a board of directors in London, and establishments for business in the principal towns of Ireland which are distant above fifty miles from Dublin. At each of these places, a part of its stock to be subscribed, and from the stockholders a local board of directors to be chosen. The establishments to be managed by steady experienced persons sent from England, with the advice and under the inspection of the local directors, but subject to the entire control of the London board, to whom accounts shall be regularly transmitted.”

The first report, delivered by the directors to the shareholders in May, 1826, stated that the bank had the following nine branches :—

	<i>Opened.</i>		<i>Opened.</i>
Cork	Sept. 1, 1825	Wexford	Feb. 27, 1826
Limerick	Nov. 1, 1825	Belfast	Mar. 1, 1826
Clonmel	Nov. 15, 1825	Waterford	May 1, 1826
Londonderry	Dec. 12, 1825	Galway	May 1, 1826
Sligo	Feb. 20, 1826		

The state of banking in Ireland at the time the Provincial Bank was formed is thus described in their Eleventh Annual Report, delivered in May, 1836 :—

“ To show the progress of that competition, it may be sufficient to state, that prior to 1825, when the Act 6 Geo. IV. c. 42 was passed, under which the Provincial Bank was established, the Bank of Ireland had no establishment out of Dublin.

“ That in Dublin itself there were only four more, and these private banks ; and that in all Ireland besides there were no other than private banks, and these only in Belfast, Cork, Wexford, and Mallow.

“ From 1825 to 1834, banking offices in the chief cities and towns of Ireland had been gradually established by the Provincial Bank, the Bank of Ireland, the Northern and the Belfast Banks, to the number of about fifty ; while, within the short space of the last two years, the offices of joint-stock banks having resident managers or agents beyond fifty miles from Dublin, added to the branches of the Bank of Ireland, have increased to upwards of 120, and appear to be daily augmenting in number ; besides which, there are a great variety of stations attended on market-days by non-resident agents, on behalf of one or other of such banks ; and, in addition to all these, several establishments, on a large scale, have been lately announced in Dublin as in connexion with some of the joint-stock banks most recently formed in the provinces.

“ The directors cannot, however, regard this unexampled rapidity of increase in the number of banks as a certain indication of prosperity. Amidst the excitement arising out of this state of things, they have considered it to be their duty to impress upon all their local directors and managers the necessity of increased caution and vigilance, and to warn them of the extreme danger of entering upon a race of competition, in which those who engage in it are too apt to overlook what is essential to their own safety.”

There is no joint-stock bank of whose rise and progress we have a more detailed account than the Provincial Bank of Ireland. This account is furnished to us in the evidence given to a Committee of the House of Commons, by the late secretary, Mr. James Marshall. We recommend the following quotations to the especial consideration of students in practical banking, as showing most minutely the various steps by which prosperity is obtained by banking institutions :—

1.—The Constitution of the Provincial Bank of Ireland.

“ Can you explain to the committee the constitution of the Provincial Bank?—I can. I may make reference to the annual reports of the institution, of which, I understand, that copies were furnished to this committee; a report is made to the proprietors on the third Thursday of May in each year.

“ By whom is that report prepared?—By a special committee.

“ A committee of the board of directors?—A committee of the board of directors, whom it is my duty to attend on such occasions, and to be their organ in acting as the clerk of that committee.

“ When that sub-committee has prepared the report, what further step is then taken?—It is submitted then to the general court of directors.

“ Is it examined by them?—By the general court; it is laid before them, and every part of it is explained to them; and they have it in their power to examine any part, to refer instantly to the books, or the source from which it is drawn. The committee in making it up go very minutely to work, and examine very particularly.

“ Then are the committee to understand, that before the report is laid before the proprietors, that report is first submitted to a select committee, reported by them to the general court, and approved of by the general court?—It is; it is, in the first instance, signed by the chairman of the committee, when presented to the general court.

“ When laid before the proprietors, is it laid before the proprietors on the responsibility of the court of directors?—Completely so.”

“ Just confine yourself at present to the constitution of the bank.— It may be here proper to state, for the information of the proprietors, the regulations which have been adopted, in the first place, for conducting business in a proper manner at the branches: and, secondly, for the control and superintendence which are exercised over them by the directors in London. First, as to the branches; for the due management of the business at each a suitable house has been obtained, and the following officers have been provided; viz. manager, accountant, teller, clerk, porter; all of whom find security for their fidelity. Where the scale of business requires it, the number of the inferior officers is increased, but there are only two principal officers at any branch, viz. manager and accountant; and for securing more effectually the proper discharge of the duties of all, and assisting the manager with advice and information, there has been appointed at each station a board of local directors, consisting, according to circumstances, of three, four, or five gentlemen of the first respectability in the place, who, in order to be eligible, must themselves have an interest in the establishment, by holding ten shares each of its stock. The duty of these gentlemen is to meet daily at a

given hour at the bank's office, and, along with the manager, to judge of bills presented for discount, and of all applications for credits. For every act of business of this nature it is necessary that two local directors and the manager be present; and it is provided, that where applications for discounts or credits exceed, in individual cases, a certain fixed amount, or when the manager differs in opinion from the majority of the local board, the matter must be submitted to the decision of the court of directors in London. It is further the duty of the local directors to compare daily the vouchers with the entries in the cash-book, to count, at stated intervals, the cash in charge of the manager, and to certify the returns made periodically from the branch to London.'

"Are the committee then to understand distinctly that the local directors, in the case in which the manager, who is the head officer of the society, differs with them, although he may differ singly, are bound to refer those cases to the London board before any decision is come to?—In every case.

"In another contingency it would appear, that where the pecuniary transactions in question exceeded a given amount, that too, although the board might be unanimous, is brought under the consideration of the London board of directors?—It is.

"What does that sum generally amount to? Is it a fixed sum, or does it vary according to the circumstances of the different branches?—It has varied according to circumstances; but, generally speaking, from 300/- to 500/- is considered the extent to which anything in the shape of a credit, other than the discount of a mercantile bill, would go."

2.—*The Selection of Officers.*

"Be so good as to explain to the committee what steps were taken by the Provincial Bank of Ireland in the selection of their various paid officers at the branches?—I believe that is detailed in this said report. The selection of officers in particular was a matter of paramount importance, both on account of the great number required to fill the intended situations in Ireland, and the necessity there was to scrutinize their qualifications as to character and ability. Communications were made on this subject with various gentlemen in different parts of the country, from whom it was expected the best information could be obtained. The prospectus of the society having set out with the resolution that the business should be conducted on the principles which had been so long and so successfully acted upon in Scotland, it seemed desirable to obtain from that country persons trained up in banks there, provided their qualifications in other respects were such as to recommend them. With this view, the secretary, (that was not myself at that time,) was sent down to Edinburgh in February for the purpose of making inquiries; and notice having been given in the public papers that persons were

wanted to fill situations in the projected establishments in Ireland, a gentleman in the above city was employed to receive applications and to institute the most minute and scrupulous inquiries regarding the character and qualification of those who should apply. Another gentleman from the same city was also engaged to proceed to London, to assist the directors in the formation and prosecution of a plan for conducting the business, when they should be ready to commence it in Ireland ; (that alludes to myself.) ‘The extensive correspondence which the applications and inquiries, produced by the measures above-mentioned, necessarily occasioned, occupied the attention of the directors very closely, and for a considerable length of time, and the result has been that the services of a number of most valuable officers have been secured to the society.’

“ But at that period was there a greater facility in procuring the services of gentlemen more particularly who had experience in the Scotch banking than there would be subsequently, when there was a more active competition in the establishment of banks ?—No doubt of it.

“ What description of security were these officers required to give ?—Unexceptionable personal security ; two persons, at least, generally were joined in a bond for the fidelity of the officer.

“ Was there any fixed proportion between the amount of the security required and of the salary paid, or the duties to be performed ?—The amount had respect to the duties to be performed rather than to the salary.

“ What was the general security that was taken by bond for the fidelity of these officers ?—The lowest clerk was 1,000/.; the highest 10,000/. for a manager at the largest branch.

“ And that has been enforced by the Provincial Bank with respect to its officers ?—The amount of 10,000/. has not been required, as we have practically found 5,000/. to be a more commandable sum ; I would say, within the reach of the description of parties who are aspirants to these offices.

“ Now, with respect to the local directors, how were they selected ?—It is mentioned here, that there should be selected three, four, or five gentlemen of the first respectability in the place, of commercial knowledge, whenever those could be obtained ; if having had that commercial knowledge, and being disengaged from business, they were considered as so much the more eligible.

“ But in the selection of local directors, so far from excluding persons by reason of their having commercial or banking knowledge, are the committee to understand that such parties were preferred ?—Where they had it, and were not understood to be in a situation to require banking accommodation for themselves.

" You have stated that the local directors were required to take ten shares each, at the least ?—Yes.

" Will you have the goodness to state what the reason was that they were required to take those shares ?—In order that they might have a greater interest in the establishment; feel a personal interest. I must say we have not, in every instance, been able to get gentlemen of that description. We have, in some instances, appointed gentlemen who, from various causes, declined to become shareholders ; at least, we have elected gentlemen to be local directors without requiring the fulfilment of that condition : there are some instances at present of gentlemen who are so ; but no doubts regarding the solvency of the bank ever deterred any of them."

3.—*The Choice of Directors.*

" Now tell us how they are appointed ?—The directors in London were, of course, originally appointed by the gentlemen who associated together for the purpose of forming this establishment ; and they continued, with the approbation of the meeting, until a certain time, when, by the deed of settlement which was afterwards prepared, four were to go out every year.

" In the vacancy of the four, who appoints their successors ?—The proprietors generally ; the general meeting of proprietors.

" Are they re-eligible ?—They are declared by the deed of settlement to be re-eligible.

" Are they recommended to the court of proprietors by the court of directors ?—They are ; they have been virtually so : and I beg to refer to one of the annual reports, which gives an explanation upon that point. It is in the report made the 17th of May, 1827, in which it is stated, ' The directors have now to advert to a circumstance of some importance as connected with the constitution of the society. By the deed of settlement, the number of directors was limited to twenty. Since the completion of the deed, that number has been reduced by death or resignations to sixteen ; and the directors having found by experience that the latter number is quite sufficient to insure a due attendance for the efficient management of the business of the establishment, have not thought it necessary to enforce the terms of the deed by proposing the election of new members ; and they think themselves now justified, by past experience, in unanimously recommending to the court of proprietors to limit the number of directors for the ensuing year to sixteen. The directors may add, that this arrangement will be attended with a considerable saving of expense ; and in conclusion, they beg to state to the proprietors an opinion in which they also unanimously concur ; viz. that in future elections, it will greatly conduce to the harmony and cordiality

which it is so desirable should prevail amongst the directors themselves, as well as to the good management of the bank's affairs, if a recommendation shall be made by them to the proprietors in favour of those candidates whom, after due inquiry, they shall find to be the best qualified to fill the situation.'

"Have those recommendations been generally complied with by the proprietors?—Always.

"Uniformly, without exception?—Uniformly; it has uniformly been acquiesced in. Two or three candidates had upon more than one occasion started, but when the matter was explained to them, they have uniformly acquiesced in it. It is necessary to state, to complete this, that the recommendation to limit the number of directors to sixteen was afterwards the subject of a special provision by an additional deed of the proprietors, therefore the number cannot be extended beyond sixteen without altering the deed.

"Are the directors paid for their attendance?—They are.

"What is the amount of payment which they receive?—It is so regulated that no director can receive above 250*l.* a year, the director in London I mean, were he attending at every possible meeting that he could.

"Is the payment an annual payment, or proportionate to the attendances?—Proportionate to the attendances, ascertained every quarter.

"According to the number of attendances so the parties are paid?—Yes, according to the attendances.

"Was that sanctioned by the proprietors and by the society?—The deed of settlement contains a provision allowing the directors to take the sum of 5,000*l.* as remuneration; they have never taken more than 3,000*l.*; the proportion is reduced; that was when the number of directors was twenty.

"*Sir Thomas Fremantle.*—What do they take now, the sixteen?—They cannot exceed 3,000*l.*/*

4.—*The Daily Committee.*

"Will you state how they transact their business?—By meeting daily in committee, (a general committee,) which is open to all to attend; but in order to be a quorum there must be three present; and by a weekly court, held each Friday, at which all ought to be present.

"Is there a record in writing of all the directions and the acts of that special committee?—There is.

* At a recent meeting of the shareholders of the bank, the chairman stated the amount to be 4,000*l.*

“ Are each of those acts brought under the examination and review of the general court on Friday?—At the weekly court they are, the minutes are read over.

“ Is the question put upon the confirmation of those minutes, or is it open to the general court to vary or alter them?—The question is specially put by the chairman of the weekly court, whether it is the pleasure of that court to confirm the minutes of the past week which have been read.

“ Have you known instances in the management of the bank in which there have been any variations upon the proceedings of the committee proposed by the general court, so as to show that it is an active as well as a theoretical superintendence?—I have seen instances where the subject has been brought under revision, and which has produced an alteration of the resolution of the committee.

“ Having now explained to the committee the formation of your local administration at the branches, and your general administration in London, will you state what the course of proceeding is, to insure to the court in London a knowledge of that which takes place at the different branches?—I read from the report already referred to: ‘Regular advices of the proceedings at the branches are transmitted by the managers to London by post every second or third day, according to circumstances; and at the end of each week a complete statement of the whole transactions is made up, and forwarded by the mail-coach. These returns are first examined by the officers of the London establishment, and then submitted to the directors. For giving the necessary orders arising out of these communications, for judging of all matters referred to them from the branches, for disposing of the bank’s funds in London and Dublin, and for the discharge of all other duties implied in the exercise of a superintendence over the whole establishment, whether in Ireland or in London, the directors hold regular and daily meetings.’

“ Are the accounts which are sent from the branches accounts in detail of the whole of the operations of the bank?—They are.

“ Are they, in fact, transcripts of the accounts of the bank from period to period?—They are so; with this explanation regarding the current accounts of parties holding accounts with the bank, every particular draft or receipt is not sent to London, or rather the entries of these, I mean, are not copied or sent to London; but there is this check on the operations at the branches, the exact balance of every man’s account at the end of each week is given, and forms part of an abstract of the balance sheet which is sent forward, and which must agree; therefore if it were wrong it would at once detect itself.

“ Then no variation can take place in the actual balance without the attention of the court being at once called to it?—None can.

" And is the name of each individual to whom these advances are made from time to time brought under the special notice of the court of directors in London?—Yes; by the following process. The branches are divided amongst the directors, so many allotted to such a sub-committee, who take up the affairs of these branches each week in succession, and examine all the bills that have been discounted, the advances that have been made of any description, and the balance of each man's account, whether in his favour or against him."

5.—*The Inspection of Branches.*

" Have you any system of inspection by which you are enabled from time to time to verify the correctness of the proceedings of the branches?—We have; besides having a half-yearly balance-sheet made out with all the details of the affairs of each branch at the time, and which is scrupulously examined at London, there is an inspector (two at present), whose duty it is to go through the branches and to examine personally and verify every voucher and every particular, and to remain at the branch until they are fully satisfied that all is right.

" Who are these officers?—Mr. Murray, the first manager employed at Cork, was, from a conviction of his very eminent qualifications for that office, elected inspector; he is now our agent in Dublin, and chief inspector of the branches. There has been united with him in duty, first, Mr. Paton, who was manager at Armagh, and then manager at Cork, but who has now left our service, except that he has been elected a local director of the Armagh branch, where he now resides. Mr. Paton has been succeeded in the inspectorship by Mr. Hewat, who is at present acting as interim manager at Cork branch.

" Are the visits of your inspectors at stated and known intervals, or is any branch at any one moment liable to the visit of an inspector, and to an immediate examination and verification of their accounts and bills and balances?—Every branch is so liable to be visited; there is no previous intimation given, except the visit be for some particular purpose which, by a representation from the branch, calls on the inspector to go.

" As an additional security, have you yourself, or any of the directors, been accustomed to visit the branches, and to report thereon?—I have myself every year, and sometimes oftener than once a year, even twice or three times in a year, gone to Ireland, and have gone through the whole branches, in fact, more than once, at different times; and on all occasions have made examinations which appeared to me to be necessary; and besides that, the directors have in person repeatedly visited the branches; deputations of the London directors, I mean, have so done."

6.—The Declaration of a Dividend.

“ Will you explain to the committee what steps you take before you declare a dividend?—We have regularly a balance every half-year; the dividend has only been declared once a year, at the termination of the year, which is in March; our year ends in March. Prior to that period, each manager is directed to send up a special report of every obligation which is outstanding, or of any which is doubtful, describing particularly in the report every party to such obligation; that is preparatory to going further into the matter; then when the balance at the end of March is completed, a complete balance sheet of every branch is made up and sent to the bank, with a more detailed report. A special committee of the directors is appointed to examine those, and they go minutely through them, and weigh every outstanding debt, and strike off every thing that is considered to be irrecoverable; they then consider in what degree the reports of the managers represent every other outstanding debt to be recoverable, either in full or in part; and when all that has been done, they add generally a sum to cover still any possible omission, and it is only then that the fair profits of the year are considered to be ascertained.

“ Can you inform the committee how far your calculations, your annual calculations of bad and doubtful debts, have or have not been below or above the mark?—In many instances our allowances have exceeded what has turned out to be the real loss; for, as I mentioned before, the directors, in order to be more secure, have been in the practice of making an additional deduction over all the deductions made by the officers at the branches.

“ Have the proprietors any power under your deed of settlement of naming any auditors, or having any examination of those accounts, so as to verify their fidelity?—We have no auditors, but there is a provision in the deed of settlement by which a certain number of proprietors may call for a further investigation of the accounts, if they are dissatisfied.”

7.—The Causes of its Prosperity.

“ Do you think there is anything peculiar in the construction of this bank which has insured its being correctly and well managed up to the present time, or that it has rather arisen from the ‘ happy accident’ of the directors who were selected having been honourable and correct men of business?—I conceive the very first and indispensable thing was an exceedingly respectable board of directors formed in the first instance, and which has always been maintained. In the next place, that the system of accounting that was adopted, and the check on the operations of the different branches, which has not been departed from, has most materially contributed to that good result. In the next place,

there was an exceedingly good field for banking when we commenced, for Ireland was very destitute of good banks at the time, the Bank of Ireland operations having been confined only to Dublin. Therefore, from all those concurring circumstances, I conceive the prosperity of the bank has resulted."

To these causes we may add one more, stated in the Report delivered by the Directors to the Proprietors in the year 1836,—the non-interference of the shareholders in the distribution of the profits :—

" To this desirable position the affairs of the bank have been conducted, as the directors have great pleasure in acknowledging, by the uniform support and continued approbation of the proprietors, who, far from manifesting any impatient desire to participate in the reserved profits, have always relied with confidence on the opinion of those by whom the working of the establishment was superintended, feeling assured that whenever such participation was clearly expedient, it would not be withheld."

The following is a copy of the Balance-sheet attached to the last Report, delivered May 17th, 1849 :—

PROVINCIAL BANK OF IRELAND.

	£	s.	d.
The amount of rest or undivided profits at 25 March, 1848, was	107,505	10	11
Out of which there have been paid two half-yearly dividends, at the rate of 8 per cent. per annum, amounting to	43,290	0	0
Leaving a balance or rest of	64,305	10	11
To which there has since been added the amount of net profits for the year ending the 31st March last, after deducting the Property Tax and all expenses, and providing for all bad and doubtful debts	45,733	5	6
Making the amount of rest at 31st March last, £110,038 16 5			

The Provincial Bank of Ireland has branches at the following places :—

Armagh.	Ballyshannon.	Cavan.
Athlone.	Banbridge.	Clonmel.
Ballina.	Bandon.	Coleraine.
Ballymena.	Belfast.	Cootchill.

Cork.	Galway.	Parsonstown
Drogheda.	Kilkenny.	Skibbereen.
Dundalk.	Kilrush.	Sligo.
Dungannon.	Limerick.	Strabane.
Dungarvon.	Londonderry.	Tralee.
Ennys.	Mallow.	Waterford.
Enniscorthy.	Monaghan.	Wexford.
Enniskillen.	Newry.	Youghal.
Fermoy.	Omagh.	

The National Bank of Ireland.

The Prospectus of this bank, issued in 1834, announced that it would be conducted on the “local shareholder principle.”

“ It is proposed that each branch shall have a separate capital proportioned to the extent of its business, one-half to be subscribed by resident shareholders, so as to identify their interest with their own establishment, and the other half to be subscribed by the National Bank of Ireland, whose connexion with each branch, whether its separate capital consists of 5,000*l.* or 50,000*l.*, will afford it the credit of whatever capital (however large) the National Bank of Ireland may have actually paid up at the time.”

“ The following are the terms and conditions of subscribing:—

“ 1. That a company shall be formed in London, to extend to Ireland the benefit of a sound banking system.

“ 2. That a bank be formed in each town in Ireland, where practicable by law, and which offers a prospect of success to the operations of the company.

“ 3. That the object of the London company shall be to connect itself with shareholders exclusively interested in the success of each local establishment.

“ 4. That the principle of the bank shall be the division of profits of each bank with such local shareholders in Ireland. The capital of each branch to be subscribed equally by shareholders on the spot and the company in London.

“ 5. That the capital of the London company shall be 1,000,000*l.*, in shares of 50*l.* each, to be called the original capital, which may be increased as the business of the company extends; but the premium, on any addition, to go to the first subscribers.

“ 6. That the bank shall be formed as soon as half the capital is subscribed.

" 7. That the bank shall be managed by a board in London, consisting of twenty-four directors, in whom will be vested the supreme control.

" 8. That each local bank shall be managed by a board of local directors, elected by the shareholders, subject to the approbation of the directors in London."

This principle was first announced to the public by the late Mr. Thomas Joplin. He attempted to introduce it into the National Provincial Bank of England, of which he was the managing director, and to the formation of which he had materially contributed. But the practical difficulties were found to be great. It was almost impossible to arrange the preliminaries to the satisfaction of all parties, and the principle was never brought into operation. Mr. Lamic Murray, who projected the National Bank of Ireland, was the secretary of the National Provincial Bank of England, and had adopted Mr. Joplin's views on the subject. When first established, therefore, the National Bank of Ireland acted on this principle; but after a few years the independent banks in Ireland consented to become branches of the head establishment. Those at Clonmel and Carrick-on-Suir, however, declined this arrangement, and they still register as independent banks, though they are regarded by the public as branches of the National Bank of Ireland.

Another peculiarity attended the formation of this bank. Its chief connexions lay among that political party in Ireland who advocated a Repeal of the Union, and who had been accused of causing all the runs for gold that had taken place on the existing banks. In the provisional committee we find the names of the late Daniel O'Connell, Esq. M.P., Maurice O'Connell, Esq. M.P., Fitz-Stephen French, Esq. M.P., James Grattan, Esq. M.P., and others of the same political views. The seat of government, however, like that of the Provincial Bank of

Ireland, was fixed in London. One advantage resulted from connecting the heads of this party with an Irish joint-stock bank. There was an end to all *political* runs for gold. When a run afterwards took place, in consequence of the failure of the Agricultural Bank, Mr. O'Connell used all his influence to allay the excitement then occasioned. The branches of the National Bank are opened almost entirely in the south and west of Ireland. The bank has also an office in Dublin, where, since the Act of 1845, it has issued its own notes.

The report of 1848 states that the National Bank of Ireland had taken the business of the London and Dublin Bank :—

“ During the latter part of the year, it having been intimated to the directors that the London and Dublin Bank were desirous of dissolving that company, negotiations were entered into with the directors, which terminated in this establishment succeeding to its connexions in the towns of Dundalk, Carrickmacross, Wicklow, Kells, Athy, Mullingar, and Parsonstown, with every prospect of advantage to the bank. The whole of these localities are, with the exception of Parsonstown, within the circle from which all banks of issue, except the Bank of Ireland, had been excluded, until the extinction of the monopoly by the Banking Act of 1845.”

Several of the savings' banks in Ireland having failed, and occasioned losses to the depositors, through the dishonesty of the officers, and the inability of the trustees to make good the losses, the National Bank of Ireland have recently determined to discharge some of the functions of a savings' bank. They receive deposits for 10s., 1l., 1l. 10s., 2l., 2l. 10s., or for any multiple of 10s., but not for any fractional part of 10s. When the sums thus received amount to 5l., the party gets a regular deposit receipt for the amount. In the meantime he receives interest at the same rate which is allowed on other deposit receipts, (at present 2 per cent.) and can with-

draw it at a short notice. The following is the form of receipt given to the savings' bank depositor :—

No. _____	NATIONAL BANK OF IRELAND.
<i>Received from</i> _____	
<i>of</i> _____	TEN SHILLINGS.
____ day of _____, 18_____	<i>Manager.</i>

The following is a copy of the Balance-sheet attached to the last Annual Report, delivered May 23d, 1849 :—

	£	s.	d.
The undivided profits at December, 1847, were	61,105	4	4
Net profits for the year ending December, 1848	26,490	12	10
	87,595	17	2
Deduct half year's dividend to Mid-			
summer, 1848, at 5 per cent.	£11,250	0	0
Ditto, to Christmas, 1848	11,250	0	0
Bonus of 10s. per share on 20,000			
shares	10,000	0	0
Amount paid T. Lamic Murray, Esq.			
according to the provisions of the			
Deed of Settlement	1,000	0	0
Balance of profit and loss carried to			
that account for 1849	3,990	12	10
	37,490	12	10
Leaving amount of undivided profits to the credit of			
reserve fund, at December, 1848	£50,105	4	4

The National Bank of Ireland has branches at the following places :—

Athlone.	Ballina.	Boyle.
Athy.	Ballinasloe.	Carrickmacross.

Carrick-on-Suir.	Kells.	Parsonstown.
Cashel.	Kilkenny.	Rathkeale.
Castlerea.	Killarney.	Roscommon.
Charleville.	Kilrush.	Roscrea.
Clonakilty.	Limerick.	Skibbereen.
Clonmel.	Longford.	Tallow.
Cork.	Loughrea.	Thurles.
Dundalk.	Mallow.	Tipperary.
Dungarvan.	Midleton.	Tralee.
Ennis.	Mitchelstown.	Tuam.
Enniscorthy.	Moate.	Waterford.
Fermoy.	Mullingar.	Westport.
Galway.	Nenagh.	Wexford.
Kanturk.	New Ross.	Wicklow.

The Hibernian Bank.

The Hibernian Joint-stock Bank was formed in the year 1821. The following account of the origin of this bank is given by John Robinson Pim, Esq. of Dublin :—

“ A number of Roman Catholic gentlemen, finding they were continued to be excluded from the direction of the Bank of Ireland, met together, and obtained the signatures, not only of Roman Catholics, but of a number of others, amongst the rest myself, to the establishment of this bank ; many merchants signed it, as considering that by having an opposition bank in such a city as Dublin, advantages would frequently be derived from it, and not altogether looking to the emolument which they should receive as subscribers to the bank, but looking at it as citizens generally ; I myself never calculated on a very great deal of profit from it, except at a very remote period. Some of the individuals who undertook it came over to London, and they had expected to obtain the power of issuing notes, but they met with so much opposition from the Bank of Ireland,—there were some of the directors of the Bank of Ireland came over here in order to oppose it,—and the clauses which they intended to enable them to issue notes were expunged in the committee ; but I state this only from hearsay.”

Its nominal capital is 1,000,000*l.*, divided into 10,000 shares of 100*l.* each. 25*l.* per cent. has been paid upon each share, so that the money actually advanced amounts to £50,000*l.*

In the same year this company obtained an Act,

entitled, "An Act to enable the Hibernian Joint-stock Company, for the purpose of purchasing and selling annuities, and all public and other securities, real and personal, in Ireland, and to advance money and make loans thereof, on the security of such real and personal security, at legal interest, and on the security of merchandise and manufactured goods, to sue and be sued in the name of the governor or secretary for the time being."*

The preamble states, that—

"Whereas the commerce, and manufactures, and agriculture of Ireland has long laboured under great disadvantage, arising from the want of due command of capital; and that merchants and manufacturers have no means of procuring temporary advances of money on a deposit of their goods, when a slackness of demand arises; and whereas several persons have agreed to form themselves into a company, or partnership, under the name of the 'Hibernian Joint-stock Company,' and have subscribed or raised considerable sums of money in order to purchase and sell annuities and all public and other securities, real and personal, in Ireland; or to make loans and advances of money on the security thereof, and on the security of merchandise and manufactured goods, at legal interest, and to receive lodgments of money or deposits thereof; and great public benefit is expected to be derived to the trade, manufactures, and agriculture of Ireland from the formation of such a company or partnership; and whereas difficulties may arise from time to time," &c.

It is enacted, that this company may sue and be sued in the name of their governor or secretary. A memorial of the names of the governor, secretary, and members, and of the transfer of shares, to be enrolled in Chancery; and no actions to be brought by the company, under the authority of this Act, until such memorial shall have been enrolled. Execution upon any judgment against the governor or secretary may be issued against any of the members, who are to be reimbursed their expenses by the company.

* Anno quinto Georgii IV. Regis, cap. 159.

At the last half-yearly meeting of the shareholders, held on the 4th of December, 1848, the following statement was exhibited, and a dividend declared at the rate of 5 per cent. :—

*Abstract of the Affairs of the Company to 1st of November, 1848,
pursuant to the Deed of Settlement.*

	£	s.	d.
Assets of the company	550,575	1	6
Due to the public	218,623	7	8
	<hr/>		
Capital of the company, 1,000,000 <i>l.</i> , 25 per cent. paid	331,951	13	10
	<hr/>		
Balance to credit of profit and loss in favour of the company	250,000	0	0
	<hr/>		
Net profits of the company for the year ending the 1st of November last, after deducting all charges for management	81,951	13	10
	<hr/>		
Net profits of the company for the year ending the 1st of November last, after deducting all charges for management	£16,055	15	7

The Royal Bank of Ireland.

The Royal Bank of Ireland was formed in the year 1836, and before opening made arrangements for taking the business of the private bank of Sir James Shaw & Co. At that time the law did not permit joint-stock banks, in Dublin, to accept bills drawn at less than six months after date, or to sue and be sued in the name of their public officers. These restrictions were removed by the Act of 1845. The Royal Bank attempted also at that time to obtain the power of issuing notes, but were not successful. The manager of the bank from its commencement has been Mr. Charles Copland, who had previously been a manager in the Provincial Bank of Ireland.

At the last annual meeting, held on the 7th November, 1848, the following statement was laid before the shareholders :—

	£	s.	d.
The paid-up capital of the bank is	209,175	0	0
The amount of reserve fund	45,475	8	0
			<hr/>
The net profits* of the year, which terminated on the 31st of August last, after deducting all expenses of management, amount to	19,877	16	4
Out of which have been paid to the proprietors two half-yearly dividends, at the rate of 5 per cent. per annum, amounting to	10,458	15	0
Leaving a surplus on the year of	£9,419	1	4
Which has been added to the bad and doubtful debt fund.			

The Banks of Belfast.

There are three joint-stock banks at Belfast. The Northern Banking Company was formed in 1825, on a private bank which was called the Northern Bank. This was the first joint-stock bank in actual operation in Ireland. The Belfast Banking Company was formed on a private bank, which was called the Belfast Bank. The senior partner in this bank, John Holmes Houston, Esq. was examined as a witness before the Parliamentary Committee of 1826, on the abolition of small notes in Ireland. His evidence contains some interesting particulars respecting the state of banking in Belfast during the time he had been a partner in that bank.* The Ulster Banking Company is a new bank, formed in 1837. All these banks have branches extending throughout the north of Ireland. The prudence with which banking institutions have at all times been managed at Belfast, has no doubt greatly contributed, with other causes, to the prosperity of the north of Ireland. The following is the condition of the three banks at Belfast :—

* See the History of Banking in Ireland, by J. W. Gilbart.

Belfast Banks.	Date of Bank.	Number of Shares.	Number of Proprietors.	Amount of Share.	Paid up on Share.	Paid-up Capital.	Last Dividend, per cent.	Number of Branches.	Fixed Circulation.
Northern	1825	5,000	193	100 £	{ First 25 0 Bonus 5 0 30 0 }	150,000 £	10	11	243,440 £
Belfast . .	1827	5,000	256	100	25 0	125,000	8	18	281,611
Ulster . .	1837	75,000	440	10	2 10	187,500	5	15	311,079

The Northern Banking Company has branches at the following places :—

Armagh.	Coleraine.	Lurgan.
Ballymena.	Downpatrick.	Magherafelt.
Carrickfergus.	Lisburn.	Newtownlimavady.
Clones.	Londonderry.	

The Belfast Banking Company has branches at the following places :—

Armagh.	Dungannon.	Newry.
Ballymena.	Larne.	Newtownards.
Ballymoney.	Letterkenny.	Newtownlimavady.
Castlblayney.	Londonderry.	Portadown.
Coleraine.	Magherafelt.	Strabane.
Cookstown.	Monaghan.	Tenderagee.

The Ulster Banking Company has branches at the following places :—

Antrim.	Cookstown.	Lurgan.
Armagh.	Cootehill.	Monaghan.
Ballymena.	Downpatrick.	Omagh.
Ballymoney.	Enniskillen.	Portadown.
Banbridge.	Londonderry.	

The Tipperary Joint-stock Bank.

In the Act of 1835 there is an express provision with reference to the Tipperary Bank.

Provision in case of Determination of existing Agreement between Bank of Ireland and Tipperary Joint-stock Bank.

“ XXXI. And whereas a certain joint-stock banking Company, called and known as ‘The Tipperary Joint-stock Bank,’ refrained from issuing its own bank notes, under a certain agreement with the Governor and Company of the Bank of Ireland for the issue of the bank notes of the said governor and company, which agreement is determinable by either party upon certain notice to the other party, and it is just that in case such agreement should at any time hereafter during the continuance of this Act be determined and put an end to by the Governor and Company of the Bank of Ireland, that the said Tipperary Joint-stock Bank should receive by way of compensation such composition as hereafter mentioned ; be it therefore enacted, That if the said agreement shall be at any time hereafter during the continuance of this Act determined or put an end to by the Governor and Company of the Bank of Ireland, then and in such case the said governor and company shall, from the termination of the said agreement, pay and allow to the said Tipperary Joint-stock Bank, so long as the latter shall continue to carry on the business of a bank and to issue exclusively the notes of the Governor and Company of the Bank of Ireland, a composition at and after the rate of one per centum per annum on the average annual amount of the Bank of Ireland notes issued by the said Tipperary Joint-stock Bank, and kept in circulation, such average annual amount to be ascertained by the Bank of Ireland in the manner provided for regulating the compensation to be made to certain bankers by the Bank of England in and by the Act passed in the seventh and eighth years of the reign of her present Majesty, intituled ‘An Act to regulate the Issue of Bank Notes, and for giving to the Governor and Company of the Bank of England certain Privileges for a limited Period.’ Provided always, that the total sum payable to the Tipperary Joint-stock Bank by way of composition as aforesaid in any one year shall not exceed 1 per cent. on an amount that hath been agreed on by and between the Bank of Ireland and the Tipperary Joint-stock Bank, and certified by both banks to the Commissioners of Stamps and Taxes ; and such composition shall cease to be payable from and after the first day of January, one thousand eight hundred and fifty-six.”

The Tipperary Bank has branches at the following places :—

Athy.	Nenagh.	Thurles.
Carlow.	Roscrea.	Tipperary.
Carrick-on-Suir.	Thomastown.	

At the last general meeting the directors declared a dividend at the rate of 6 per cent., and added 2,513*l.* 8*s.* 5*d.* to the "doubtful debt fund," which then amounted to 5,013*l.* 8*s.* 5*d.* The amount of the capital was not stated.

The following joint-stock banks have ceased to exist in Ireland :—

1. The Agricultural and Commercial Bank of Ireland, formed in the year 1834, stopped payment in the latter end of the year 1836. It was afterwards resumed for a short time, and then finally closed. A full account of the reckless proceedings of this bank is given in the third volume of the *Bankers' Magazine*.
2. The London and Dublin Bank was formed in 1844, and merged in the National Bank of Ireland in the year 1848. This was not a bank of issue.
3. The Southern Bank of Ireland was formed at Cork after the failure of the Agricultural Bank of Ireland. It was registered the 25th of March, 1837, opened in Cork in the month of July, and stopped payment in the following September.

The Laws of the Currency in Ireland.

From what we have already said of the laws of the currency,* those of our readers who are acquainted with Ireland will be able to judge beforechar 1 of the revolutions of her circulation. Being purely an agricultural country, the lowest points will of course be in August or September, immediately before the harvest, and the commencement of the cattle and bacon trade. Then it rises rapidly, till

* See pages 419, 507, 563.

it reaches its highest point in January, and then gradually declines. As an agricultural country, we should naturally expect that during the season of increase the circulation would expand most in the rural districts ; and so we find that the circulation of the Bank of Ireland, in Dublin, expands very moderately—that of her branches, which are located chiefly in large towns, expands more—while the circulation of the joint-stock banks, which are located in the agricultural districts, receives the largest increase. Again, the purchases and sales of agricultural produce are known to be in small amounts ; and hence the notes of the smallest denomination receive the largest relative increase. The annual changes of the Irish circulation are governed chiefly by the produce of the harvest, and the prices of agricultural products. These are the laws of the circulation of Ireland.

On this subject I may quote my own evidence before the Committee on Banks of Issue :—

“ I have told the committee that I was formerly manager of a joint-stock bank of issue in Ireland, and I have attempted to discover the laws which regulate the circulation of that country, by ascertaining the highest and lowest amount of the circulation in each year. This which I have in my hand, is a table, showing the circulation of the Bank of Ireland, (including branches,) the separate circulation of the branches alone, and the circulation of the Irish joint-stock and private banks, on the last Saturday of April, August, and December of the years 1834 to 1839. It will be observed that those periods are the same as those which I have referred to in the circulation of the English country banks. The law of circulation appears to be different, but they agree pretty nearly in this, that the lowest point is the latter end of August ; but the highest point in Ireland is generally the

end of December or the beginning of January, and from December, or the beginning of January, it declines ; so that the country circulation of England is advancing eight months and declining four ; but the circulation of Ireland is advancing four months and declining eight.

“ From whence is this table compiled ?—From Appendix, Nos. 32 and 33. This table shows that the circulation of Dublin does not vary much ; it shows that the circulation of the branches of the Bank of Ireland varies more ; and that the circulation of the joint-stock and private banks in Ireland varies considerably more.

A TABLE, showing the CIRCULATION of the BANK of IRELAND (including Branches) ; the Circulation of the Branches alone ; and the Circulation of the Irish Joint-stock and Private Banks ; on the last Saturday of April, August, and December, of the years 1834 to 1839.

I.—BANK OF IRELAND AND BRANCHES.

	1834.	1835.	1836.	1837.	1838.	1839.
	£	£	£	£	£	£
April	3,922,300	3,798,500	3,614,100	3,332,300	3,398,400	3,536,400
August	3,452,800	3,198,700	3,133,500	2,921,600	3,055,800	2,981,800
December .	3,926,800	3,574,200	3,481,100	3,265,700	3,474,500	3,192,200

II.—BRANCHES OF THE BANK OF IRELAND.

April ...	£	1,357,600	1,572,000
August	£	1,056,200	1,257,600
December .	£	(1,342,300)	1,695,600

III.—JOINT-STOCK AND PRIVATE BANKS.

April	£	1,386,165	1,517,648	2,083,431	1,798,721	2,366,774	2,588,377
August	£	1,140,651	1,264,572	1,928,900	1,180,240	1,881,906	1,982,122
December	£	1,066,269	1,959,542	1,787,586	2,204,286	2,972,034	2,629,205

“ It will be observed, that in the year 1836, with regard to the joint-stock banks, there was a departure from the law, which usually increases the Irish circulation very rapidly between the months of August and December ; for in 1836 the Agricultural and Commercial Bank of Ireland stopped payment ; that brought on a run for gold upon the other banks, and thus the circulation of those banks

became reduced. This is the only year in which there is not a very considerable increase in the circulation of the joint-stock banks of Ireland between August and December.

"To what do you attribute this uniform increase of the Irish circulation towards December?—I attribute it to the trade in corn, and bacon, and cattle, which commences in the months of September and October in every year; the produce of the harvest commences to be brought to market in September; but the bacon is made in the beginning of October. The bacon must be made in cold weather, and therefore pigs are reared so as to be fit for killing by the 1st of October; and in the beginning of October the provision merchants send out their men to purchase pigs at the different markets, and they get notes from the bank. The cattle trade is conducted in the same way; men go to the market to buy pigs and cattle, and take them over to Bristol and Liverpool, but chiefly to Bristol, from the part where I was. Those notes are chiefly issued in three ways. During the summer, the merchants, having their capital unemployed, lodged it as deposits in the bank; then, when the season for trade commenced, they drew out their deposits, in the form of notes. Afterwards, they brought us bills upon their factors in London, and our notes were issued in discounting those bills which they had drawn against the exportations of bacon and cattle. The dealers took their pigs and cattle over to Bristol, and sold them in the various markets and fairs in the west of England, and received the notes which were circulating in that district, and took them to Mr. Stuckey, and got a letter of credit upon me, payable on demand, for the amount. So that our notes were issued, in the first place, by the withdrawal of deposits; secondly, for the discounting of bills on London, drawn against the

exports which were made ; and thirdly, for the payment of letters of credit which had been obtained by the parties who had sold Irish cattle in the English markets. The notes were, therefore, drawn out by the trade of the country, and of course it was not in our power to withhold issuing those notes, unless we wished to cramp the trade of the country.”

Robert Murray, Esq. the chief officer of the Provincial Bank of Ireland, was examined as to the establishment of one Bank of Issue throughout Ireland ; the following is his reply :—

“ It would produce an entire revolution in the monetary affairs of Ireland. The committee will already have gathered from the questions I have previously answered, that the produce is brought to market in very small quantities, and by a very large number, I had almost said an innumerable class, of farmers ; each man brings his sack of oats and two or three pigs to market ; it would be almost impossible, in such a state of things, to regulate by one bank of issue the monetary affairs of Ireland, or to adapt it to its purposes as it is now situated.” “

The following is the report of the Select Committee of the House of Commons, made in 1826, respecting the abolition in Ireland of notes under 5*l.* :—

“ With respect to the circulation of Ireland, the inquiries of your committee have been less extensive than those which they have instituted with respect to Scotland. ”

“ The first law in Ireland which restrained the negociation of promissory notes, was an Act passed in the Irish Parliament in the year 1799.

“ The preamble recites, that various notes, bills of exchange, and drafts for money, have been for some time past circulated in lieu of cash, to the great prejudice of trade and public credit, and that many of such notes are made payable under certain terms, with which the poorer classes of manufacturers and others cannot comply, unless by submitting to great extortion and abuse. It adds, that the issue of such notes has very much tended to increase the pernicious crime of forgery ; and the Act proceeds to apply to notes between the value of 5*l.* and 20*s.* similar restrictions to those which had been applied to such notes issued in England by the Act which passed in the year 1777. It permits, however, during the suspension of cash payments by the Bank of Ireland,

the issue of bank-post bills, bills of exchange, and drafts under certain regulations, for any sums not less than three guineas. This Act did not extend to the Bank of Ireland.

" In 1805, this and some other Acts which had passed in the interim, relating to the issue of small notes, were repealed; and notes under 20s. which had been previously admitted under certain regulations by the Act of 1799, were declared void.

" There is at present no law in force imposing any limitation to the period for which notes for a sum not less than 20s. may be issued in Ireland.

" A tolerably correct estimate of the amount of promissory notes, above and below 5*l.*, circulating in Ireland, may be formed from the subjoined returns made by the Bank of Ireland, and by other banks at present established in that country.

" Bank of Ireland notes.—An account of the average amount of the Bank of Ireland notes of 5*l.* and upwards (including bank-post bills) for the years 1820, 1821, 1822, 1823, 1824, and 1825:—

	Irish currency. £ s. d.
" Notes and post bills of 5 <i>l.</i> and upwards	3,646,660 19 6

" An account of the average amount of the Bank of Ireland notes under the value of 5*l.* (including bank-post bills) for the years 1820, 1821, 1822, 1823, 1824, and 1825:—

	Irish currency. £ s. d.
" Notes and post bills under the value of 5 <i>l.</i>	1,613,828 0 5

" It appears from the evidence that a practice prevails in Ireland of issuing notes for the payment of sums between one and two pounds, for three guineas, and other fractional sums.

" Your committee see no public advantage arising out of this practice, and they are of opinion, that it ought to be discontinued, as it tends to dispense with the silver coin, and practically to exclude it from circulation.

" Your committee hesitate, in the present imperfect state of their information, to pronounce a decisive opinion upon the general measures which it may be fitting to adopt with respect to the paper currency of Ireland.

" Although they are inclined to think that it would not be advisable to take any immediate step for the purpose of preventing the issue of small notes in Ireland, their impression undoubtedly is, that a metallic currency ought ultimately to be the basis of the circulation in that country.

" It will probably be deemed advisable to fix a definite, though not an early period, at which the circulation in Ireland of all notes below 5*l.* shall cease; and it is deserving of consideration, whether measures might

not be adopted in the interim, for the purpose of ensuring such a final result by gradual though cautious advances towards it."

The following is a summary of the Evidence given before the Committees of the two Houses of Parliament, as to the effect of abolishing the small note circulation in Ireland :—

1. Small currency is necessary to carry on the commercial transactions of the country.

JOHN ACHESON SMYTH, Esq. Agent for the Belfast Bank at Londonderry.

"In Lancashire, I believe all the raw materials are bought in large parcels, and by bills. In Ireland, the raw material is all bought in small parcels, and all in small notes. In Lancashire, there is only cash wanted to pay the workmen; but we want it both to pay the workmen and to buy the raw material. The provision and grain that we send to England are also bought in small notes, and we are reimbursed by drawing bills for our shipments."*

PIERCE MAHONY, Esq. Solicitor to the Provincial Bank of Ireland.

"If the banks were prevented issuing notes under the amount of 5*l.*, would any inconveniences arise in conducting the trade of the South of Ireland?—The trade of Ireland generally, and especially in the South of Ireland, would be greatly inconvenienced, and the growth of manufactures would be decidedly checked, if not destroyed, by such a measure. From the great subdivision of land in Ireland, and particularly in the South and West (where the population is almost exclusively agricultural) the produce is disposed of in small portions, scarcely ever representing 5*l.*, and almost universally under that amount. I am of opinion, that the withdrawal of all notes under that amount would have the effect of curtailing the accommodation the banks now afford to the public to a ruinous extent; and that the trade of the country under such circumstances would not afford profitable employment for banking capital to any extent; and therefore, I should anticipate the withdrawal of such establishments, except perhaps at Cork and Belfast. In the South and West of Ireland, from the nature of the provision and corn trade, the chief demand for notes or for gold commences in October, and continues until March, when that trade is nearly over for the season. From March until October the butter trade is almost the only one in the South and West of Ireland; and as that trade would not employ all the capital that is required in the winter season, the effect would be, if sovereigns were

* Commons' Report, p. 77.

substituted for small notes, that the extra supply required for the corn, beef, and pork trade, must remain idle in the banker's chest, or be remitted at great risk and expense for employment elsewhere during the summer and autumn.

"Do you think if a metallic circulation was adopted that there would be a difficulty in maintaining that metallic circulation?—I do; because the trade in the South and West of Ireland is periodical; the remittances from those districts of Ireland would force the gold away at certain periods, and it must be returned at others with considerable expense to meet the trade of the country."*

2. A gold currency would be more inconvenient than notes, and would not be so well liked by the people.

LEONARD DOBBIN, Esq.† *Agent for the Northern Banking Company of Belfast, at Armagh.*

"Do the people of the North of Ireland manifest any wish for gold in preference to notes, or for notes in preference to gold?—They decidedly prefer notes, and the weavers have refused to carry gold out of the market lately.

"Can you assign any reason for this preference?—There are many reasons that I could assign. The bank notes are now the established currency; the people are perfectly acquainted with them. If a man should lose notes, or a house be robbed, or if there is a forgery, it would be much better for them to trace notes than it would gold. I have often assisted poor people in tracing notes that were robbed, and forged notes, whereas the gold could not be traced so readily. Another reason I would give is this, guineas became light, and were troublesome to the people. When standing beam there was 1s. charged, and when lighter than standing beam, 2s. 6d.; and when gold was scarce, and bank notes not a legal tender, the land agents refusing to take any thing but gold, the tenants were obliged to pay from 1s. to 4s. on a guinea discount. Some agents would only take gold."‡

J. A. SMYTH, Esq. *Linen Merchant, and Agent for the Belfast Bank at Londonderry.*

"I am in the habit of employing my linen buyers to go to the country markets, and I must supply them with the week's money before they start, perhaps five hundred or a thousand pounds; they have to go through the interior of the country, and do not return for a week. They

* Commons' Report, pp. 250, 251.

† This gentleman was afterwards agent for the Bank of Ireland at Armagh, and M.P. for that place.

‡ Commons' Report, p. 243.

make their purchases all in small quantities, and it is more convenient for them to carry notes than gold.”*

ARTHUR GUINNESS, Esq. *Director of the Bank of Ireland.*

“ I conceive that with the persons who handle the circulation of the country, there is a decided preference in favour of small notes over cash in every respect. I speak from mine own experience; for I remember perfectly well, before the restrictions upon cash payments, when gold was a great inconvenience in trade. I speak of those who handle the currency of the country, among whom I think the preference is in favour of the small notes, as more convenient, more portable, and less liable to counterfeit. I conceive these to form the general ground of preference.”†

3. The profits of the banking establishments would be so much diminished, that they could not extend the same accommodation to the agricultural and commercial classes.

W. P. LUNNEL, Esq. *Director of the Bank of Ireland.*

“ If the notes under 5*l.* were prohibited, would the profits of the Bank of Ireland be materially affected by such prohibition?—I should expect that they would suffer: they must sacrifice a certain profit.

“ Have you considered to what extent the profits of other bankers would be affected?—I should expect that the principal circulation of the country bankers is in small notes, and therefore in that proportion they would suffer.”‡

JOHN HOLMES HOUSTON, Esq. *Banker at Belfast.*

“ If all the notes under 5*l.* were prohibited to be issued, would it be worth while, in your opinion, to keep the establishment of a bank at Belfast?—I do not think it would, except by carrying it on in the same manner as it formerly was—to keep a discount office, charging a commission on discounting bills, because 5*l.* notes would not circulate; then our circulation would be so trifling it would not answer.”§

H. A. DOUGLAS, Esq. *Director of the Provincial Bank of Ireland.*

“ I consider the cash-account system, and the one-pound circulation so connected, that if the notes are withdrawn, it is understood that our establishment will not grant any further cash-credits.—The business which we carry on, even if we charged a higher rate of interest, or a commission, would not be of sufficient magnitude to repay us for the

* *Lords' Report*, p. 7.

† *Lords' Report*, p. 108.

‡ *Commons' Report*, p. 237.

§ *Ibid.* p. 35.

expense of our establishment, independent of our notes.—If the issue of small notes be withdrawn, then we cannot afford to allow interest on deposits.”*

4. The abolition of small notes would prevent the investment of British capital in the present banking establishments.

T. S. RICE, Esq. M.P. and Director of the Provincial Bank of Ireland.†

“ Is it your opinion, that if all notes under 5*l.* were abolished, a considerable inconvenience would arise in the ordinary traffic in Ireland?—I conceive that it would. I conceive that the first effect of the extinction of all notes below 5*l.* would be a much more considerable diminution of the general mass of the circulating medium in Ireland than in England.

“ I fear extremely that if anything were to occur which materially diminished the profits of our establishment, it would have the effect of depriving us of one of the chief benefits of the establishment, namely, the support and control of British capitalists, and conducting the bank by British merchants, and upon British commercial principles. I conceive a rate of profit, rather higher than the average rate of profits, is essential to induce persons so circumstanced to engage in such a business, more particularly when it is considered that there is no limitation of responsibility by the grant of charters.”‡

5. The gold currency would be sent out of the country, whenever it bore a premium in England.

HENRY H. HUNT, Esq. Local Director of the Provincial Bank of Ireland, at Waterford.

“ What do you think would be the consequence of a law which prohibited the issue of notes below 5*l.*, both by the Bank of Ireland and by any other banking establishment in Ireland?—I should think it would be very hazardous indeed: I should very much apprehend that the gold circulation would at times be withdrawn in a very great degree from the country, whenever gold was wanted in London; for instance, A SMALL PREMIUM UPON A SOVEREIGN WOULD INDUCE A VAST QUANTITY OF THEM TO BE BROUGHT OUT OF IRELAND.

“ Have you ever known instances of quantities of gold being brought over from Ireland to this country, and persons making a regular traffic of it?—I have.”§

* Lords’ Report, pp. 24, 26, 27.

‡ Lords’ Report, pp. 47, 51.

† Now Lord Monteagle.

§ Commons’ Report, pp. 73, 74.

6. The proposed measure would cause general distress, and prevent the progress of enterprise.

JOHN ROBINSON PIM, Esq. *General Merchant in Dublin.*

"The very idea of curtailing the currency under 5*l.* would have a tendency to discourage all adventure in Ireland at present. I should not, for one, be careful of placing money in any kind of machinery till the effect was tried. I fancy it would reduce property very much in that country,—and sometimes fancies are almost as bad as reality."*

The following table was given in by Mr. Murray to the Committee of the House of Lords, showing the circulation of Ireland since the passing of the Act of 1835:—

*ABSTRACT of the RETURNS by the several BANKS OF ISSUE IN IRELAND
under the Provisions of the Act 8th & 9th Victoria, cap. 37. From
3d January, 1846, to 20th May, 1848.*

For the Four Weeks ended	Certified Issue of all the Banks,	Notes of £5 and upwards.	Notes under £5	Total Issu of all the Banks.	Gold held, £	Silver held, £	Total Specie held by all the Banks. £
1846.	£	£	£	£	£	£	£
3d Jan.	6,351,494	3,039,855	4,364,509	7,401,366	1,221,944	267,308	2,189,254
31st Jan.	6,351,494	3,052,168	4,358,783	7,410,751	1,222,887	298,145	2,531,632
28th Feb.	6,351,494	3,066,529	4,403,198	7,469,729	1,262,714	304,532	2,507,360
28th Mar.	6,351,494	3,071,589	4,373,371	7,411,960	1,246,022	322,131	158
25th April	6,351,494	3,170,291	4,366,031	5,363,323	1,201,748	321,861	613
23d May...	6,351,494	3,223,169	4,198,610	4,422,080	1,177,633	321,310	2,498,915
20th June	6,351,494	3,072,053	3,899,973	5,972,026	1,082,018	323,981	2,415,002
18th July	6,351,494	3,063,914	3,682,577	5,686,491	908,216	338,567	2,266,786
15th Aug.	6,351,494	2,959,671	3,520,814	4,180,517	887,457	376,335	2,263,795
12th Sept.	6,351,494	3,013,054	3,575,118	5,884,175	832,938	319,980	2,182,922
16th Oct.	6,351,494	3,183,979	4,067,575	5,251,555	894,453	315,812	2,210,267
7th Nov...	6,351,494	3,375,209	4,501,616	5,830,825	1,311,587	553,117	2,185,031
5th Dec...	6,351,494	3,273,326	4,566,204	5,839,530	1,233,124	316,167	2,569
1847.	£	£	£	£	£	£	£
2d Jan...	6,351,494	3,151,117	4,361,295	5,15,411	2,264,266	313,710	2,668,012
30th Jan.	6,351,494	3,161,701	4,097,724	5,259,426	1,999,140	384,091	2,353,236
27th Feb.	6,351,494	3,153,358	3,871,694	5,330,053	1,795,792	333,389	2,179,181
27th Mar.	6,351,494	3,123,516	3,581,218	704,736	1,710,405	403,623	2,111,109
24th April	6,351,494	1,663,465	3,357,768	521,234	1,517,530	445,010	1,992,515
22d May...	6,351,494	3,056,115	2,932,365	6,018,420	1,162,163	520,506	1,682,682
19th June	6,351,494	2,835,513	2,629,436	4,164,951	1,208,579	520,299	1,548,883
17th July	6,351,494	2,740,914	2,516,164	2,57,378	993,810	563,521	1,557,337
14th Aug.	6,351,494	2,670,376	2,426,869	6,097,245	969,590	597,677	1,567,221
11th Sept.	6,351,494	2,581,063	2,167,216	5,018,319	966,818	565,399	1,532,222
9th Oct....	6,351,494	2,626,692	2,718,020	5,355,613	1,006,066	511,613	1,517,712
6th Nov...	6,351,494	2,714,939	2,84,374	5,19,314	1,045,805	490,718	1,36,526
4th Dec...	6,351,494	2,597,237	2,725,502	5,22,741	1,087,674	503,692	1,590,770
1848.	£	£	£	£	£	£	£
1st Jan....	6,354,494	2,502,756	2,693,357	5,196,116	112,955	505,800	1,618,760
29th Jan.	6,354,494	2,528,633	2,705,281	5,233,916	132,937	531,806	1,661,716
26th Feb.	6,354,494	2,510,595	2,709,483	5,220,080	144,032	562,846	1,706,882
25th Mar.	6,354,494	2,505,565	2,601,829	5,107,393	1,095,722	548,711	1,680,437
22d April	6,354,494	2,540,489	2,168,542	5,09,033	1,071,297	551,568	1,622,868
20th May	6,354,494	2,561,459	2,279,211	4,840,672	1,087,162	501,318	1,588,485
	93,225,610	109,829,727	203,065,375	1,556,884	13,740,306	65,297,310	

* Lords' Report, p. 49.

AVERAGES of the preceding Returns.

	Notes of £5 and upwards,	Notes under £5.	Total.	Gold.	Silver.	Total Specie.
	£	£	£	£	£	£
Average for whole Period.	2,913,612	3,432,178	6,345,791	1,611,152	429,384	2,040,540
Average for the Year 1846	3,121,259	4,144,461	7,265,721	2,106,004	334,258	2,440,266
Average for the Year 1847	2,844,049	2,986,375	5,830,425	1,263,517	491,953	1,755,475
Average for the first Five Months of 1846	3,116,809	4,339,958	7,456,768	2,224,800	313,605	2,538,409
Average for the first Five Months of 1847	3,138,631	3,568,141	6,706,773	1,643,006	427,337	2,070,349
Average for the first Five Months of 1848	2,529,348	2,552,869	5,082,219	1,106,230	546,441	1,652,683

The last Return of the Circulation of Ireland is as follows :—

AVERAGE CIRCULATION and COIN held by the IRISH BANKS during the four weeks ending Saturday, the 24th day of March, 1849.

Name of Bank.	Authorized Circulation.	Average Circulation during Four Weeks, ending as above.			Average Amount of Gold & Silver Coin held during Four Weeks ending as above.
		£5 and upwards.	Under £5.	Total.	
Bank of Ireland	3,738,428	1,671,200	927,450	2,598,650	809,690
Provincial Bank	927,667	282,439	384,053	666,492	357,864
Belfast Bank	281,611	29,917	186,426	216,423	110,829
Northern Bank	243,440	23,287	148,251	171,538	94,086
Ulster Bank	311,079	19,025	181,371	200,396	57,847
National Bank.....	761,757	197,173	303,310	500,514	257,072
Carrick -on -Suir National Bank	21,084	3,888	6,073	9,962	3,738
Clonmel National Bank.....	66,428	17,501	20,274	37,775	17,731
Totals	6,354,494	2,244,510	2,157,238	4,401,750	1,708,857

We have noticed the different meanings given to the word "circulation" in England, since the passing of the Act of 1844. By the Act of 1845, it is enacted that this word shall have the following meaning in Scotland and Ireland :—

"Section 17.—And be it enacted, That all bank notes shall be deemed to be in circulation from the time the same shall have been issued from any banker, or any servant or agent of such banker, until the same shall have been actually returned to such banker, or some servant or agent of such banker."

It may be useful to trace the effects of this Act (the Act of 1835,—8 & 9 Vict. c. 37) upon the state of banking in Ireland, as compared with the effects of similar enactments in Scotland and England.

1. The limitation of issue in Ireland, as in Scotland, is not absolute. The banks may issue beyond this limit, if they retain an amount of gold and silver equal to this excess. In England the prohibition is absolute. The probable effect will be, that these enactments will not lead to any permanent decrease of the circulation in Ireland or Scotland. The banks will merely import more gold when the circulation increases. In England it seems probable that the circulation will permanently decrease. Means will be employed to conduct banking operations with fewer notes, and these means will operate at all times—when the circulation is low, as well as when it is high.

The provision of the Act of 1845, which requires the banks of Scotland and of Ireland to keep an amount of gold equal to the notes in circulation beyond the fixed limits, tends, as we have observed, to restrict the granting of cash-credits in Scotland. We doubt if it will have an equal effect in Ireland, simply because the cash-credits exist only to a limited extent. The Provincial Bank introduced the system in 1825; and no system could be better adapted to the state of the country. It would doubtless have greatly improved the condition and the habits of the people; but the iniquitous runs for gold which, at the suggestion of reckless politicians, took place in 1828, 1830, 1831, and 1833, compelled the banks to restrict their operations. Had the banks remained without molestation the whole of the agricultural districts of Ireland would probably by this time have had the benefits of this system,

with the same beneficial results which have been realized in Scotland.

2. In Ireland these measures will not tend to produce so great an increase of gold as in Scotland. In Scotland the banks, previous to the passing of the Act, kept but a small amount of gold. But in Ireland the banks, from their liabilities to runs, have always kept large deposits of gold. The amounts required by the Act are not larger than those formerly kept in their vaults. It appears from the returns, that the Bank of Ireland has recently kept a smaller amount than before the passing of the Act. Hence their means of affording accommodation are not diminished; and as they sustain no loss, they have no reason for increasing their charges. It may, however, confirm the Irish banks in their regulation not to give interest on current accounts. Nowhere throughout Ireland is this system now followed. The Bank of Ireland gives no interest on any class of lodgments. The joint-stock banks allow it only on deposit receipts. The reason assigned by the Scotch banks was that the operations on these accounts maintained in circulation a large amount of their notes. This will be no advantage if the bank must retain an amount of gold equal to this increase of notes in circulation.

3. The prohibition of new banks of issue has operated variously in the three countries. In Ireland it was beneficial; in Scotland it has been harmless; and in England it is injurious. The Agricultural Bank of Ireland caused considerable mischief. To prevent the recurrence of such evils, the most effectual way was to prohibit the formation of new banks of issue. Hereafter this restriction may become oppressive. Cork, and Limerick, and Waterford may become sufficiently wealthy to supply a banking capital, and may wish to form local

banks. The local banks at Belfast have conferred great benefits on the north of Ireland. In Scotland the banks are sufficiently numerous; and, as they are allowed to unite, the authorized issue of notes is never likely to be less than it is. And although restrictions on banks are unsound in principle, they may not at present do any harm in Scotland. In England the restriction is injurious. Had we an unlimited power of forming new banks, many of those firms that now consist of not more than six partners would be merged in larger establishments. The number of banks would be less—the amount of their issues would probably be less—but they would attract a higher degree of public confidence, and their character and continuance would not be dependant upon the lives of individual partners.

4. Unions of banks in either Ireland or Scotland are not very likely, nor perhaps desirable. The banks are large, have a respectable capital, and enjoy the public confidence. In England, many banks are small, and have small capitals. Union among them would be highly beneficial. Yet such is the waywardness of legislation, that the Acts of 1844 and 1845 give facilities to unions in Ireland and Scotland, and restrict them in England. In Ireland and Scotland two banks of issue may unite, and the united bank have the united circulation. In England, if two banks of issue, either of which has more than six partners, should unite, the circulation of one or both of these banks would be lost.

5. The Act passed in 1844, for the regulation of joint-stock banks in England, was extended in 1846 to Scotland and Ireland, with the omission of the clause that rendered the banks subject to the laws of bankruptcy. By a clause in these Acts, any bank for the formation of which proceedings had been taken before the 6th May,

and which was actually in business on the 4th of July, must at the end of a year after the passing of the Act either retire from business or take a charter. The Preston Banking Company was in this case, and accordingly became a chartered bank. This is the only bank that has a charter under the Act in England. The Exchange Bank of Scotland was in a similar case, and on the 31st of December, 1846, became a chartered bank. There is no bank of this kind in Ireland.

From the extracts we have made from the Act at p. 533, it will be seen that no new joint-stock bank can be formed of a less nominal capital than 100,000*l.*, and half the capital must be paid up before the commencement of business; that the assets and liabilities of the company must be published once at least in every month; and that at least one-fourth of the directors shall retire yearly, and shall not be eligible for re-election for at least twelve calendar months. As a specimen of the monthly returns required, we copy from the *London Gazette* the last return of the Preston Banking Company:—

Account of the ASSETS and LIABILITIES of the PRESTON BANKING COMPANY, at Preston, on Saturday the 7th day of April, 1849.

ASSETS.				LIABILITIES.		
	£	s.	d.	£	s.	d.
Bills of Exchange,				Capital Stock . . .	100,000	0 0
Bank Premises,				Deposits, and other		
Preliminary Ex-				Liabilities . . .	206,899	4 3
penses, Loans, &c.				Undivided Profits . . .	2,758	17 10
Cash in Bank, and						
Deposits in other						
Banking Esta-						
blishments . . .	309,658	2	1			
	£309,658	2	1			
				£309,658	2	1

That provision of the Act which requires one-fourth of the directors to retire annually, and which declares them

ineligible for election for one year, has been the subject of much discussion. The object of the Legislature appears to have been to prevent those evils which, in public companies of every kind, occasionally arise from the undue ascendancy of individual directors. Practically, it may be injurious or advantageous to a bank, according to circumstances. On the one hand, it may deprive a bank of the services of its most useful directors for one year. And on their return, they may be less useful than heretofore, from being less acquainted with the transactions that have taken place during their absence. In small country banks it might not be easy to find other parties to take the places of the directors who had thus retired. On the other hand, it has been contended that the number of the directors, and consequently their influence, would thus be virtually increased—that, while on some occasions the most clever directors would be compelled to retire, at other times the least clever would retire, and their places might be better supplied—that the retirement of even the most clever might call forth the energies of the others, and thus the talents of the whole might be improved—that the plan tends to prevent the undue ascendancy of any individual director, or of any knots or parties of directors, for any length of time—and that it is a convenient means of getting rid of an inefficient, injurious, or disagreeable director: for, as when he is once out, it would be easy for the board, if so disposed, to prevent his re-election. By the charter of the Bank of Ireland, fifteen directors are chosen annually, and not above two-thirds of the directors of the preceding year can be re-elected.

6. There is another difference between Scotland and Ireland with reference to banking operations, though it does not arise from the above-mentioned Act. At the time of the union between England and Ireland, Ireland

had her debts as well as England. And although England became liable for these debts, the dividends continued to be paid, and the transfers made in Dublin. Hence Government stock is bought and sold there in the same way as in London. Besides this, any party may purchase stock in Ireland, and have it transferred to England, or the reverse. The plan is this :—Any person holding stock may go to the Bank of England, either personally or by power of attorney, and get a ticket that will authorize him to have the same amount of stock put in to his name in Ireland. The stock in England is then transferred to the Commissioners for the Reduction of the National Debt. He may go to the Bank of Ireland in Dublin and reverse the operation. Several Acts of Parliament have been passed with reference to this subject. The last is the 5th Geo. IV. c. 53, passed in the year 1824. When there is a great difference in the price of stocks in the two countries, operations of this kind may be very profitable.

This power of transferring Government stock from one country to the other has a tendency to equalise the price in both countries. It also serves the purpose of a medium of exchange. A transmission of stock has the same effect in rectifying the exchanges as a transmission of gold. And doubtless the exchanges between England and foreign countries might, to a great degree, be adjusted in the same manner.

There is a Stock Exchange in Dublin similar to that of London, established for the purchase and sale of Government stock, bank stock, railway shares, &c. No person can transact business there unless he has obtained a licence from the Lord Lieutenant. The number of these persons is at present about twenty-five. There are no time-bargains as in London. The borrowing and lending

of money on stock are matters of daily occurrence. This is not always done through brokers. Individuals often effect these transactions directly with the banks. The general rule is, that the lender shall have a margin of 5 per cent. on the value of the stock, and shall be entitled to call for additional security whenever the market price falls below that difference.

The Exchanges between the Banks.

Since the Act of 1845—when other banks besides the Bank of Ireland acquired the power of issuing notes in Dublin—a system of clearing, or, as it is called, of exchanges, has been established, similar to that established in Edinburgh.

The following is a copy of a clearing balance-sheet:—

BALANCES OF EXCHANGES WITH OTHER BANKS,
ON _____, 1849. "

DUE TO IT.	WITH	DUE BY IT.
	Bank of Ireland.	
	Provincial Bank.	
	National Bank.	
	Northern Bank.	
	Belfast Bank.	
	Ulster Bank.	

Here we may observe that all the banks that clear are banks of issue; and the clearing in Dublin includes all the banks of issue in Ireland, although three of these banks have their head-quarters in Belfast. The Belfast

banks clear by their agents. The Bank of Ireland is the agent for the Northern Bank and the Belfast Bank, and the Royal Bank of Ireland is the Dublin agent for the Bank of Ulster. It will also be observed that the Bank of Ireland—the chartered bank—is a member of the clearing; and in fact, the clearing is held daily, at two o'clock, in one of the rooms of that establishment. The differences are paid daily, like those at Edinburgh, in exchequer bills. The following are the amounts required to be held by each bank:—

The Bank of Ireland	£134,000
The Provincial Bank	58,000
The National Bank	48,000
The Northern Bank	30,000
The Belfast Bank	30,000
The Ulster Bank	30,000
	£330,000

Those banks in Dublin that are not banks of issue are not members of the clearing. Although the Royal Bank of Ireland attends the clearing as the agent of the Ulster Bank, it does not clear on its own account. All the non-issuing banks, however, have accounts with the Bank of Ireland, and pay into that establishment the cheques they may have on the other banks. The National Bank, though an issuing bank, and a member of the clearing, has no account with the Bank of Ireland.

This system of clearing appears to work very satisfactorily. The following is an extract from a letter I received a few days ago from an Irish banker, on the subject:—

“The settlement of our ‘exchange balances’ in Dublin, through the use of exchequer bills, works very well. The great evil, *previously*, was, that when these balances were of magnitude, Dublin was such a limited money market there was difficulty and expense in raising the needed

quantity of Irish money for the purpose. If you anticipated the balance to be heavy against you, it was requisite to prepare some time *before*, and to have your funds lying idle and unproductive until the crisis arose. Now, we have exchequer bill interest for our surplus, and the power of replenishing our stock account whenever required by drawing on *London*, thus possessing the unbounded advantages of the greatest money market in the world. In point of fact, the arrangement has virtually changed the venue, and made *London* the actual and final place of settlement, through machinery worked in Dublin."

The following are the "Regulations for making exchanges between the several banks in Ireland, at Dublin, and for settling the balances of such exchanges, at Dublin; to take effect from and after the 8th day of December, 1845."

- " 1. The exchange shall be made daily at two o'clock, p.m.
- " 2. The payments of the balances shall be made in exchequer bills, except for the fractional parts of 500*l.* which may be paid in the notes of the particular bank debtor.
- " 3. The exchequer bills shall be filled up in favour of the bank who may be the original holders, and shall bear the distinguishing mark of 'Dublin Exchange Bills,' showing that they belong to the Dublin exchanges, and are not intended to be used for any other purpose, and shall be received *at par*, with the interest that may be due when the transfer takes place.
- " 4. The amount of exchequer bills to be kept in the circle is fixed at 330,000*l.* to be apportioned amongst the following banks in fixed sums, calculated in their respective amounts of circulation:—

NAMES OF BANKS.

Bank of Ireland.	|	Northern Bank.	Ulster Bank.
Provincial Bank.	|	Belfast Bank.	National Bank.

The sums being once fixed, each bank is to maintain its quota at all times, as hereinafter provided.

- " 5. Nine-tenths of the exchequer bills to be of 1,000*l.*, and one-tenth of 500*l.*
- " 6. The amount of exchequer bills held by each bank shall be stated every day in the Clearing-room.

" 7. It is expedient that no bank shall be obliged permanently to hold more exchequer bills than a surplus of one-third above the fixed amount, nor shall be allowed to reduce the amount held more than one-third below the fixed amount; but as the exchequer bills will accumulate with some of the banks, and be required by others, it shall be imperative on

the parties so situated to sell or buy exchequer bills; that is to say, the bank holding the greatest amount of exchequer bills shall be bound to sell to the bank in want of them, what may be required for the legitimate purposes of the exchanges; but it shall not be imperative on that party to sell a greater amount than what will reduce their stock to the original quota, and the purchaser shall be bound to take bills from those parties having the greatest proportionate amount of them beyond their respective original quota.

“ 8. The preceding regulations will tend in a great degree to equalise the amount of exchequer bills; but if exchequer bills shall nevertheless accumulate in the hands of a bank, so as to exceed their original quota by more than one-third, that party shall have the power to call upon the party or parties holding the smallest amount in proportion to their quota to purchase the excess—that is to say, the excess above their quota—plus one-third; but it shall not be imperative on any party to take more than is required to bring up their stock to two-thirds of the original amount.

“ In this way the fluctuation in the amount of exchequer bills amongst the different banks, which is an essential part of this arrangement, need never permanently exceed one-third more or one-third less than the original quota of each bank.

“ The terms of purchase to be governed by the next regulation.

“ 9. The bank seeking to buy, or being called upon to buy, exchequer bills, from the bank or banks holding in excess of their quota, shall pay for the purchase by a Letter of Credit on their London correspondent, demandable on the fifth day after the date thereof, the purchaser paying 1*s.* 3*d.* per cent. on the amount of the Letter of Credit; or to pay the amount in gold in Dublin, at the option of the holders of the bills.

“ 10. The exchequer bills to be used for the Dublin exchanges are to be as nearly as possible divided into the two dates of March bills and June bills, which are to be exchanged at the Paymaster-General’s Office here before due, and new ones to be provided, so as to keep up the stock in the circle; and no exchequer bills advertised to be paid are to be used in the exchanges.

“ 11. Each bank is to be always liable to the income-tax on the interest of its original quota of exchequer bills, and no more; and the exchequer bills advertised to be renewed are, within a week after the Government notice appears in the *Gazette*, to be given up to the original holders, upon receiving other bills not advertised, failing which, a Letter of Credit on London, demandable on the fifth day from its date, subject to the charge as stated in No. 9, is to be given, or the amount to be paid in gold, at the option of the holders of advertised bills.

“ 12. The exchanges are to be made at the Bank of Ireland, who

undertake to pay those banks who are creditors in the exchange the exchequer bills or bills of exchange received from those banks who are debtors in the exchange; but the Bank of Ireland shall not be in any way responsible for the exchange transactions, or otherwise, soever.

“ 13. The statement of the balances after they are struck to be sent to their respective banks from the Clearing-room, by their clerks; and the clerks of banks creditors to be in waiting to receive the amount due to them at two o’clock.

“ 14. Any bank a party to this agreement to have the power of withdrawing from it, and receiving back their exchequer bills at par, upon payment of them if needful, upon giving three months’ notice.

“ 15. No bank a party to this arrangement shall, after the 8th of December, 1845, directly or through any agent, demand gold from or pay gold to any other bank or banks parties to this arrangement, except as hereinbefore provided, unless under special agreement between any two of the banks they mutually arrange to pay and receive a sum of gold.

“ It is assumed that each bank always has its statutory amount of gold, and if any bank be either in excess or deficiency in that amount, the export or import of gold must be borne by the bank seeking to diminish or increase its stock.

“ Any violation of this regulation after the 8th December, 1845, to be considered a virtual withdrawal of the bank who departs from this rule.

“ N.B. The foregoing arrangements are to be subject to such alterations and amendments as may be required and agreed on by the several banks parties thereto, after the plan shall be in operation, and its working effect ascertained.”

SECTION VIII.

THE MORAL AND RELIGIOUS DUTIES OF BANKING COMPANIES.¹

" I implore the blessing of Divine Providence on our united efforts to encourage the industry and increase the comforts of my people, and to inculcate those Religious and Moral Principles which are the surest foundation of our security and happiness."

SPEECH FROM THE THRONE, AUG. 9, 1845.

" Property has its Duties as well as its Rights."

THE LATE MR. DRUMMOND.

THIS is the age of public companies. The principle of association is one of the most powerful agents of modern times. Whatever object we wish to accomplish—whether political or commercial, literary or religious—the first step is to form a society. Those joint-stock associations that involve the outlay of capital with a view to profit, are called public companies; and these form the subject of our present inquiries.

Public companies now occupy a distinguished place in our social economy. We receive our education in schools and colleges founded by public companies. We com-

¹ This section was printed separately in the beginning of the year 1846, under the title of "The Moral and Religious Duties of Public Companies." It was designed only "for private distribution among such of the writer's friends as were in a position to influence the conduct of public companies." The favourable opinion of it expressed by some of those friends has induced me to publish it as a portion of the present work.

mence active life by opening an account with a banking company. We insure our lives and our property with an insurance company. We avail ourselves of docks, and harbours, and bridges, and canals, constructed by public companies. One company paves our streets, another supplies us with water, and a third enlightens us with gas. At home, numerous luxuries are brought within our reach by different companies. And if we wish to travel, there are railway companies, and steam-boat companies, and navigation companies, ready to whirl us to every part of the earth. And when, after all this turmoil, we arrive at our journey's end, cemetery companies wait to receive our remains, and take charge of our bones.

The question that now claims our attention is, whether these powerful companies ought to be regarded as moral agents? that is, whether they are capable of virtuous and vicious actions, and, like individuals, are responsible to a Superior Power, who will reward or punish them according to their works.

In examining this question we shall propose the following inquiries :—

First.—Ought public companies, like individuals, to be regarded as moral agents, and therefore bound to perform moral and religious duties?

Second.—What are those moral and religious duties which, as moral agents, public companies are bound to perform?

Third.—What are those rewards or punishments which may be expected to follow the performance or non-performance of those duties?

FIRST.—We inquire, ought public companies, like individuals, to be regarded as moral agents, and therefore bound to perform moral and religious duties?

We assume, at the commencement of our inquiries, that mankind, *as individuals*, are moral agents, having had laws laid down for their government by a Superior Being, to whom they are responsible for their actions. They who deny this proposition (if such there be) are not the persons for whose perusal these pages are designed ; and therefore we will not ask them to accompany us any further in our inquiries.

Assuming that mankind are responsible, as individuals, we propose to inquire whether public bodies, *as such*, are subject to the same responsibility. And here we would suggest the following considerations :—

1. Public companies are recognised as moral agents by the laws of the country in which they are established.

Public companies have, by law, the same rights as individuals ; their property is protected by the same laws as that of individuals. Theft or fraud towards them is attended with the same punishment. They can sue and be sued in the same courts of justice. The military and naval forces protect them from external violence. They have the same commercial privileges, and can buy and sell and get gain. The improvements in the arts and sciences benefit them as well as individuals ; and whatever new laws are passed by the Legislature confers upon them the same benefits as upon individual citizens. Having the same rights, they have necessarily the same duties as individuals. Equality of privilege implies equality of moral obligation. Property has its duties as well as its rights ; and if the property which to-day is in the hands of an individual is transferred to-morrow into the possession of a thousand individuals, would it not carry with it the same amount of moral obligation ? Would not the possession of the property demand from the company the same duties towards their servants, their fellow-citizens

their country, and their God, which it previously demanded from the individual? and would they not be equally bound to the exercise of justice, kindness, benevolence, and patriotism? The success of public companies is often at the expense of individuals. Ought they not, then, to be called upon to perform the social duties of the classes they have annihilated? On these principles the legislatures of all countries have imposed on public companies the same duties as on individuals; and in case of violations of its laws, have rendered them subject to the same penalties. They have thus been recognised as moral agents.

2. Public companies are capable of sustaining many social relations which are the foundation of moral duties.

The social relations of public companies are various. They may be buyers or sellers—debtors or creditors—they may employ others, or be employed themselves—they may be receivers or bestowers of favour—they may be friends or enemies, neighbours or strangers—they may be wealthy or indigent—in prosperity or adversity—they may be influential or otherwise—they may be plaintiffs or defendants in a court of law, or be the accusing or the accused party in a criminal court. Every relationship implies a corresponding duty; and we contend that public companies, in any of these relative positions, are bound to perform the same duties which the same relations would impose upon individuals.

If it were necessary to quote Scripture, to show that relation implies corresponding duties, we might multiply quotations—a few will suffice:—

“Have we not all one Father? Hath not one God created us? Why do we deal treacherously every man against his brother?¹—A son honoureth his father, and a servant his master: if then I be a father, where is mine honour? and if I be a master, where is my fear?²—It is

¹ Mal. ii. 10.

² Mal. i. 6:

not for *kings* to drink wine, nor for *princes* strong drink.¹—It was not an *enemy* that reproached me; then I could have borne it: but it was thou, a man mine equal, my guide, and my acquaintance.²—Thou shalt neither vex a *stranger*, nor oppress him: for ye were strangers in the land of Egypt.³—Am I a Jew? Thine own *nation* have delivered thee unto me.⁴—Ye call me *Master* and *Lord*: and ye say well; for so I am. If I then, your Lord and Master, have washed your feet; ye also ought to wash one another's feet.⁵—There was a certain creditor which had two *debtors*: the one owed five hundred pence, and the other fifty. And when they had nothing to pay, he frankly forgave them both. Tell me therefore, which of them will love him most?⁶—Shouldst not thou also have had compassion on thy *fel-low-servant*, even as I had pity on thee?⁷—Which now of these three, thinkest thou, was *neighbour* to him that fell among thieves? And he said, He that shewed mercy on him.⁸—Love as *brethren*.⁹—Sittest thou to *judge* me after the law, and commandest me to be smitten contrary to the law?¹⁰—What hast thou that thou didst not receive? now if thou didst receive it, why dost thou glory, as if thou hadst not received it?¹¹—If any man see thee which hast knowledge sit at meat in an idol's temple, shall not the conscience of him which is weak be emboldened to eat those things which are offered to idols, and through thy knowledge shall the weak brother perish?¹²—Art thou a *Master of Israel*, and knowest not these things?¹³—Thou that teachest another, teachest not thou thyself?¹⁴—If thou, being a Jew, livest after the manner of the Gentiles, and not as do the Jews, why compellest thou the Gentiles to live as do the Jews?"¹⁵

All these quotations refer to certain relations, and intimate certain duties. They serve to prove the general principle, that every relation implies a corresponding duty; and hence we infer, that so far as public companies are capable of sustaining the same relations, they are bound to the performance of the same duties.

3. Public companies sustain those relations to the Deity which imply an obligation to the performance of moral and religious duties.

We have considered public companies in their relation

¹ Prov. xxxi. 4.

² Ps. lv. 12, 13.

³ Exod. xxii. 21.

⁴ John xviii. 35.

⁵ John xiii. 13, 14.

⁶ Luke vii. 41, 42.

⁷ Matt. xviii. 33.

⁸ Luke x. 36.

⁹ 1 Pet. iii. 8.

¹⁰ Acts xxiii. 3.

¹¹ 1 Cor. iv. 7.

¹² 1 Cor. viii. 10, 11.

¹³ John iii. 10.

¹⁴ Rom. ii. 21.

¹⁵ Gal. ii. 14.

to the community in which they are established—in relations they may sustain to individual members of that or any other community—we shall now consider them in their relation to the Deity. This forms the chief ground of moral and religious duty. Their relation to the Deity is a relation of dependence. It will not be denied, that for every talent necessary to conduct their operations, and for all the success which may attend their exertions, public bodies are as dependent as individuals upon the kindness of Providence. Every good and every perfect gift cometh down from the Father of Light.¹ Their relation to the Deity is also a relation of obligation. They have received favours—as recipients of favours it is their duty to be grateful, and this duty is the more obligatory in proportion to the greatness and condescension of their Benefactor. Their relation to the Deity is also a relation of responsibility. They possess wealth—fluence—power. Providence never bestows these talents, without holding the parties on whom they are bestowed responsible for their proper use. Those who duly improve the talents with which Providence has entrusted them, will have those talents increased, and be rewarded by the Divine approbation. Those who neglect to use these talents, are held responsible for their neglect, and will be punished for their inactivity.² We have no reason to suppose that public companies are excluded from the general rules of the Divine administration. As far, then, as they are endowed with the same talents as individuals, so far must they be considered as subject to the same responsibilities. From these considerations we infer, that public companies, like individuals, are moral agents.

4. Public companies are analogous to other collective bodies who are acknowledged to be moral agents.

¹ James i. 17.

² Luke xix. 13—26.

It will not be denied that a *nation* may declare an *unjust war*—may carry it on in a *cruel* manner—may treat a conquered nation with *oppression*, or may conduct a treaty of peace with *duplicity* and *fraud*. Nor will it be denied, that a nation may become immoral by the extinction of moral feeling in its rulers, and throughout the population.

If, then, nations are capable of performing virtuous or vicious actions, then are they moral agents; to be rewarded or punished according to their actions. The doctrine of national responsibility is thus stated by Moses:—

“ If ye will walk in my statutes, and keep my commandments, and do them; then I will give you rain in due season, and the land shall yield her increase, and the trees of the field shall yield their fruits, and your threshing shall reach unto the vintage, and the vintage shall reach unto the sowing time: and ye shall eat your bread to the full, and dwell in your land safely. And I will give peace in the land, and ye shall lie down, and none shall make you afraid; and I will rid evil beasts out of the land, neither shall the sword go through your land. And ye shall chase your enemies, and they shall fall before you by the sword. And I will set my tabernacle among you, and will be your God, and ye shall be my people.¹—But if ye will not hearken unto me, and will not do all these commandments, I also will do this unto you; I will appoint over you terror, consumption, and the burning ague, that shall consume the eyes, and cause sorrow of heart: and ye shall sow your seed in vain, for your enemies shall eat it; and I will set my face against you, and ye shall be slain before your enemies; they that hate you shall reign over you; and ye shall flee when none pursueth you. And if ye will not yet for all this hearken unto me, then I will punish you seven times more for your sins.”²

The Jewish history presents the most remarkable instance on record of a nation being rewarded for their righteousness and punished for their disobedience. The nations they conquered were subjected to the same discipline, and it is expressly stated that those nations were punished for their sins. And those who have studied the

¹ Lev. xxvi. 3—12.

² Lev. xxvi. 14—18; Deut. xxviii. 1—15; Nch. ix.; Jer. v. 23—29: vii. 5—7: xviii. 7—10: xxii. 2—9; Ezek. xxii.; Matt. xxiii. 34—38.

philosophy of history will have observed, that nations have risen and fallen in political greatness as they have risen and fallen in their observance of the principles of morality and religion.

On this subject we might quote the language of historians, of moralists, of philosophers, and of theologians; but we prefer citing the language of a monarch, especially as that monarch is our own. Surrounded by her nobles, her senators, her councillors, her judges, her generals, and her admirals—Queen Victoria has declared from the throne, “**RELIGIOUS AND MORAL PRINCIPLES ARE THE SUREST FOUNDATION OF OUR SECURITY AND HAPPINESS.**”

As, then, large bodies of men, like nations, are rewarded or punished in their collective capacity, for their virtuous or vicious actions, it would seem to follow, that smaller bodies of men, like public companies, may be subjected to the same moral discipline.

A public company, like a nation, is composed of a number of individuals who have a government for the regulation of their affairs, and whose acts are considered as the acts of the whole body. It is true that a public company is composed of a smaller number of persons than a nation, but that cannot affect the moral character of its actions. It is also true, that while a nation must always act through its government, a public company may, and often does, at the general meeting of its shareholders, act independently of its government; but neither can this alter its moral agency, for whether the form of government be aristocratical or democratical, the duties of a nation, or of a public company, remain the same.¹

¹ In this discussion we consider public companies as corporations, and inquire what duties they, as corporations, owe to other parties. The several duties of directors, officers, and shareholders, do not lie within the range of our inquiries.

In opposition to this doctrine, it may be contended that, to render public bodies of men responsible in their collective capacity, would be destructive of personal or individual responsibility. But this is not the case. A nation may be punished for its national crimes, and yet the individual who may have caused these crimes, may sustain an individual punishment. Thus Jeroboam, Ahab, and other kings of Israel, were individually punished, while, at the same time, the nation was also punished in its collective capacity. So a public company may be punished or rewarded for its actions, while, at the same time, any individual who caused these actions, may also be personally rewarded or punished. It may too be objected, that if a public company is to be punished, as such, for its acts, then all the partners would share in the punishment, though many of them may have been quite innocent of the crime. To this we answer, that the same objection would apply to the doctrine of national responsibility.¹ It is not possible in the case of a large body of men, for every individual to take part in its actions. The act of the authorized government, or of the majority of the members, must be regarded as the act of the whole community, and every individual must share in the prosperity or adversity resulting from such acts.

It may further be observed, that it is not inconsistent

¹ The logical reader need not be reminded, that in arguments from analogy it is a sufficient answer to an objection to show that the objection applies with equal force to the doctrine from which the analogy is drawn. Thus, in the text, the moral responsibility of nations is assumed as admitted by all parties, and, therefore, requiring no farther proof. From the resemblance, or analogy between the two cases, we infer the moral responsibility of public companies. It is, therefore, a sufficient answer to any objection against the latter doctrine, to show that it will equally apply to the former. Indeed, the more numerous the objections, if they will apply equally in both cases, the more the argument is strengthened; as they are confirmatory of the soundness of the analogy.

with the principles of the Divine government for persons to suffer for the wickedness, or to be rewarded for the righteousness of those with whom they are socially connected : " I the Lord thy God am a jealous God, visiting the iniquity of the fathers upon the children unto the third and fourth generation of them that hate me ; and shewing mercy unto thousands in them that love me, and keep my commandments."¹

In our own day, we witness numerous instances of children possessing wealth, mental cultivation, and influence in society through the virtues of their parents. And also, not a few cases of children being reduced to poverty and degradation through the vices of their parents. Children suffer through the conduct of their parents, and parents through the conduct of their children ; masters by their servants, and servants by their masters. In fact, it is not possible for any individual, however obscure, to be either virtuous or vicious, without in some way promoting the happiness or misery of some person besides himself. It is, therefore, no valid objection to the doctrine of the moral responsibility of public companies, that it renders all the partners answerable for the conduct of the majority. In fact, human governments act upon this principle. If any company were to incur penalties to the state, those penalties would be enforced against the whole property of the company, though many individual partners might be quite unconscious of the offence by which those penalties were incurred.

We might further confirm our doctrine, by tracing the analogy between public companies and families.

" Pour out Thy fury upon the *families* that call not on Thy name.²—In that day I will perform against Eli all things I have spoken concerning his house ; for I have told him that I will judge his house for ever, for

¹ Exod. xx. 5, 6.

² Jer. x. 25.

the iniquity which he knoweth; because his sons made themselves vile and he restrained them not. And therefore I have sworn unto the house of Eli, that the iniquity of Eli's house shall not be purged with sacrifice nor offering for ever.¹—And the ark of the Lord continued in *the house of Obed-edom* the Gittite three months: and the Lord blessed Obed-edom, and all his household; and it was told King David, saying, The Lord hath blessed the house of Obed-edom and all that pertaineth unto him, because of the ark of God.²—And Jeremiah said unto the house of the Rechabites, Thus saith the Lord of Hosts, the God of Israel; Because ye have obeyed the commandment of Jonadab your father, and kept all his precepts, and done according to all that he hath commanded you: therefore thus saith the Lord of Hosts, the God of Israel; Jonadab, the son of Rechab, shall not want a man to stand before me for ever."³

We might adduce other declarations respecting the families of David, Jeroboam, Ahab, and others. It may be objected, that in these cases, the families were rewarded or punished for the acts of the head of the family, and not for their own. It appears, however, that the families concurred in the actions of their head. When this was not the case the exception is mentioned,⁴ and in others it is expressly stated, that the reward or punishment of the family would in some degree depend upon their own conduct.⁵

The doctrine of collective responsibility in the present world might be still further confirmed by references to the punishments inflicted on particular cities. We will refer only to Nineveh and Jerusalem. In the former case an act of general humiliation obtained a remission, or at least a postponement, of the punishment due to their wickedness; and in the latter, their sin in rejecting the Gospel was visited with a signal punishment.

"The word of the Lord came unto Jonah, saying, Arise, go to Nineveh, that great city, and cry against it; for their wickedness is come up before me. . . . And he cried and said, Yet forty days, and Nineveh shall be

¹ 1 Sam. iii. 12—14. ² 2 Sam. vi. 11, 12. ³ Jer. xxxv. 18, 19.

⁴ 1 Kings xiv. 13.

⁵ Ps. lxxxix. 30—33.

overthrown. So the people of Nineveh believed God, and proclaimed a fast, and put on sackcloth, from the greatest of them even to the least of them. For word came unto the king of Nineveh, and he arose from his throne, and he laid his robe from him, and covered him with sackcloth, and sat in ashes. And he caused it to be proclaimed and published through Nineveh by the decree of the king and his nobles, saying, Let neither man nor beast, herd nor flock, taste anything : let them not feed, nor drink water : but let man and beast be covered with sackcloth, and cry mightily unto God : yea, let them turn every one from his evil way, and from the violence that is in their hands. Who can tell if God will turn and repent, and turn away from his fierce anger, that we perish not ? And God saw their works, that they turned from their evil way ; and God repented of the evil, that he had said that he would do unto them ; and he did it not.”¹

“ And when he was come near, he beheld the city, and wept over it, saying, If thou hadst known, even thou, at least in this thy day, the things which belong unto thy peace ! but now they are hid from thine eyes. For the days shall come upon thee, that thine enemies shall cut a trench about thee, and compass thee round, and keep thee in on every side, and shall lay thee even with the ground, and thy children within thee ; and they shall not leave in thee one stone upon another ; because thou knewest not the time of thy visitation.”²

Before quitting this branch of our inquiry, we may notice one practical application of the doctrine of collective responsibility. It is, that every individual member of a public body, whether a nation, a family, or a company, should induce that body to walk in the path of uprightness. For should they not do so, he will have to bear a portion of the collective punishment, though he may not personally have taken any active part in the crime.³

SECONDLY.—Having shown that public companies are moral agents, and consequently bound to the performances of certain duties, we shall now inquire what are those duties, which as moral agents, public companies are bound to perform ?

We shall not attempt to enumerate all these duties, but

¹ Jonah i. ii. iii. 4—10. ² Luke xix. 41—44; Matt. xxiii. 37—38.

³ Matt. xxiv. 19.

merely make a selection of the most important, and these we shall classify as, I. The duties of patriotism. II. The duties of social relationship. III. The duties of religion. IV. The duties of benevolence.

I. The duties of patriotism.

By the duties of patriotism, we mean those duties which a public company owes to the state. Patriotism is the love of one's country, or more properly the love of one's nation. Public spirit is a willingness to sacrifice a portion of one's time, property, or comfort, to promote the happiness of one's fellow-citizens. These are duties obligatory on every citizen,¹ and consequently binding on every collective body of citizens. We repudiate the doctrine that a public company has only to attend to the interest of its proprietors, regardless of the effect its measures may have on the public weal. This would be a violation of duty on the part of an individual, and still more so on the part of a public company. For they have received from the Legislature, special privileges to enable them to carry on their operations. These privileges have been granted with a view to the promotion of the public interest. If then these privileges are employed to the injury of the public, then is there not merely a violation of the duty of citizenship, but a farther violation of duty by the misapplication of privileges conferred by the Legislature. "Unto whomsoever much is given, of him shall much be required; and to whom men have committed much, of him they will ask the more."² In proportion as the Legislature has conferred privileges, in such proportion it may be expected that they who have received these privileges, will be active in promoting the public interest. The possession of privileges implies an increased obligation to perform certain duties.

¹ Ps. cxxxvii.; Neh. i. 4; ii. 3; Rom. ix. 3.

² Luke xii. 48.

The first of these duties is to obey the laws—a public company should abstain from smuggling and all other illicit proceedings—should make correct returns to Government, and pay its fair proportion of the property-tax, and of all other dues. “Render unto Cæsar the things which are Cæsar’s. Render to all their dues; tribute, to whom tribute is due; custom, to whom custom; fear, to whom fear; honour, to whom honour.”¹ Another duty is to enforce the laws upon others. Individuals sometimes abstain from prosecuting frauds upon themselves, from a misapplied feeling of compassion, an unwillingness to incur odium, or the fear of expense; but none of these feelings are sufficient to justify a public company in abstaining from this duty. Such a course is injurious to the public, by holding out inducements to the commission of similar crimes. “Because sentence against an evil work is not executed speedily, therefore the heart of the sons of men is fully set in them to do evil.”² It is also the duty of public companies to support the cause of order and of due submission to constituted authorities—the rights of property—the supremacy of the law—the impartial administration of public justice—and to honour the constitutional government of the country, by whatever party it may be administered. “Put them in mind to be subject to principalities and powers, to obey magistrates, to be ready to every good work, to speak evil of no man, to be no brawlers, but gentle, showing all meekness unto all men.”³ Another duty is to conduct the affairs of the company on such a liberal, yet prudent scale of expense, as shall afford encouragement to the industry, trade, and fine arts of the country. Solomon says, “Prepare thy work without, and make it fit for thyself in the field, and afterwards build thy house.”⁴ Which means, if we

¹ Rom. xiii. 7. ² Eccles. viii. 11. ³ Tit. iii. 1, 2. ⁴ Prov. xxiv. 27.

understand it rightly, “Get your money before you spend it, but having got it, live in a scale of expense corresponding to your means—afterwards build thy house.” Individuals may be justified in living much within their means, in order to provide for old age, or for the proper settlement of their children; but public companies cannot have such motives for conducting their establishments with an unsuitable economy. But, above all, it is the duty of a public company to maintain, in all its transactions, a high-toned morality. “Righteousness exalteth a nation.”¹ A departure from moral rectitude is altogether inexcusable in a public company. As all their actions are presumed to be the result of previous deliberations, they cannot plead in excuse, as individuals do, the power of passion, the impulse of the moment, or the force of habit. In proportion to the weakness, or the absence of temptation, in such proportion would their conduct be the more criminal;² while their wealth and influence would render their example more extensively injurious to the public morality. If parties of high station in society depart from the strict rule of duty, those of inferior station will deviate still more widely. “If a ruler hearken to lies, all his servants are wicked.”³

II. The duties of social relationship.

The social duties of public companies are the same as those of individuals who maintain the same relations. These duties are clearly stated in the Holy Scriptures. The Bible is a code of laws—not a book of adjudged cases. It lays down the principles of human actions, but leaves the application of these principles to the dictates of reason and of conscience. We might read through the Bible, and not find a chapter headed “The duties of public companies.” In this case we endeavour to ascertain, in

¹ Prov. xiv. 34.

² Prov. vi. 30.

³ Prov. xxix. 12.

the first place, what are the duties of individuals. Then we take the principles of these duties and apply them to the acts of public companies. The principles of moral duty undergo no change; but the circumstances of human society are perpetually changing, and hence the correct application of these principles is sometimes a matter of difficulty. We shall here, in the first place, state in the language of Scripture, the principles of some of our social relationships, and then make a practical application of them. There are doubtless other principles we have not mentioned, and those we have mentioned may be applied, and are applied, in practice, to many other cases besides those specified.

1. These are the things that ye shall do: "SPEAK YE EVERY MAN THE TRUTH to his neighbour, execute the judgment of peace and TRUTH in your gates, and let none of you imagine evil in your hearts against his neighbour, and *love no false oath*; for all these are things that I hate, saith the Lord."¹

Insert no erroneous statements in your prospectus; make no incorrect calculations in order to deceive a parliamentary committee; circulate no unfounded rumours for the purpose of affecting the market value of your shares; and let your annual reports contain nothing but the truth. "Thou shalt not raise a false report; put not thy hand with the wicked, to be an unrighteous witness."² "The getting of treasures by a lying tongue is a vanity tossed to and fro of them that seek death."³

2. "YE SHALL NOT STEAL, neither DEAL FALESLY, neither lie one to another."⁴

Be honest and upright in all your dealings, let your charges be fair and just, and be sincere and straightforward in all your pecuniary transactions.

¹ Zech. viii. 16, 17. ² Exod. xxiii. 1. ³ Prov. xxi. 6. ⁴ Lev. xix. 11.

"Thou shalt not have in thy bag divers weights, a great and a small. Thou shalt not have in thine house divers measures, a great and a small. But thou shalt have a perfect and just weight, a perfect and just measure shalt thou have: that thy days may be lengthened in the land which the Lord thy God giveth thee.¹—What man is he that desireth life, and loveth many days, that he may see good? Keep thy tongue from evil, and thy lips from speaking guile. Depart from evil, and do good; seek peace, and pursue it."²

All promises or engagements must be faithfully kept, even when the performance is injurious to the interests of the company. "That which is gone out of thy lips, thou shalt keep and perform."³ "He sweareth to his own hurt and changeth not."⁴ The Israelites were punished with three years of famine, because one of their kings attempted to violate a treaty into which they had been drawn by false representations.⁵

3. "If iniquity be in thy hand, put it far away, and let not wickedness dwell in thy tabernacles."⁶

If any of the servants of a public company are found wanting in integrity, they should immediately be dismissed, and on no account be reinstated. And if any of their professional agents act dishonestly, even to benefit the company, they should not be employed again. "He that walketh in a perfect way, he shall serve me. He that worketh deceit shall not dwell within my house; he that telleth lies shall not tarry in my sight."⁷

Banking companies should not take the accounts of disreputable parties; and a fraudulent bankrupt should not be allowed to re-open his account, even should he plead that, although he had cheated all his other creditors, he had not cheated his banker. "Shouldst thou help the ungodly, and love them that hate the Lord, therefore is

¹ Deut. xxv. 13—15.

² Ps. xxxiv. 12—14; 1 Pet. iii. 10, 11.

³ Deut. xxiii. 23.

⁴ Ps. xv. 4.

⁵ Josh. iv. 25; 2 Sam. xxi. 1.

⁶ Job xi. 14.

⁷ Ps. ci. 6, 7.

wrath upon thee from before the Lord.”¹ “ Depart from me, ye evil doers, for I will keep the commandments of my God.”² In making advances, banking companies should consider the moral character of the party with whom they deal, as an element of their security; and should more readily afford accommodation to parties having such a character than to those who are without it. “ The wicked borroweth and payeth not again.”³

Public companies should do nothing that would be considered dishonourable or disreputable in an individual member of the company. The moral character of an action cannot be changed by the number of persons who may commit it. “ Though hand join in hand, the wicked shall not go unpunished.”⁴ “ Fire shall consume the tabernacles of bribery.”⁵ “ Abstain from every appearance of evil.”⁶ Public companies should not listen to plans and schemes proposed for their adoption by parties known to be deficient in moral principle; nor should they hire agents to do what they would not do themselves.

“ Evil communications corrupt good manners.”⁷—Lord, who shall abide in thy tabernacle? who shall dwell in thy holy hill? He that walketh uprightly, and worketh righteousness, and speaketh the truth in his heart. He that backbiteth not with his tongue, nor doeth evil to his neighbour, nor taketh up a reproach against his neighbour. In whose eyes a vile person is contemned; but who honoureth them that fear the Lord.”⁸

4. “ SPEAK NOT EVIL ONE OF ANOTHER.”⁹

Public companies should not speak unjustly or unkindly of each other. “ Love as brethren.”¹⁰ But this does not prohibit their speaking the TRUTH of each other on proper occasions, even when the truth may be unpleasant or

¹ 2 Chron. xix. 2.

² Ps. cxix. 115.

³ Ps. xxxvii. 21.

⁴ Prov. xi. 21.

⁵ Job xv. 34.

⁶ 1 Thess. v. 22.

⁷ 1 Cor. xv. 33.

⁸ Ps. xv. 1—4.

⁹ James iv. 11.

¹⁰ 1 Pet. iii. 8.

injurious to the party about whom it is spoken. It may sometimes become the duty of a respectable and honourable company to expose the fraudulent and deceitful practices of other companies : we are not forbidden to bear witness—but only *false* witness—against our neighbour. “By mercy and *truth* iniquity is purged.”¹

5. “Fear thou the Lord and the King, and *meddle not with them that are given to change.*”²

A public company should not meddle with politics : nor let the influence of the company be employed to produce any political change. It should not too frequently change the principles and maxims of its own government. Fixed rules and regulations are to a public company what habits are to an individual : they insure a uniformity of conduct, and are equally essential to success. A steady adherence to fixed principles is the surest road to prosperity. A restless discontent with moderate profits, and an attempt to get suddenly rich, by reckless speculation, has been the ruin of many companies as well as individuals.³ Nor should they change too often the terms on which they transact business with the public, as that occasions much inconvenience. Nor change too frequently the rate of their dividend, as that may lead to gambling in their shares. Better pay always the same rate of dividend, and let the surplus profit of one year be placed to a reserved fund to supply the deficiencies of future years. “A double-minded man is unstable in all his ways.”⁴ “Unstable as water thou shalt not excel.”⁵ “Trust in the Lord with all thine heart, and lean not unto thine own understanding. Be not wise in thine own eyes. Fear the Lord, and depart from evil.”⁶

6. “Thou shalt NOT AVENGE, nor bear any grudge

¹ Prov. xvi. 6.

² Pro 1 xxiv. 21.

³ Prov. xxviii. 20,—22.

⁴ James i. 8.

⁵ Gen. xl ix. 4.

⁶ Prov. iii. 5 —7.

against the children of thy people, but thou shalt *love thy neighbour as thyself.*"¹

In cases of dispute or litigation, do not let your judgment be blinded by self-interest ; but judge impartially, and do unto others as, in a similar case, you would wish to be done unto yourself. Use no means of hostility, or annoyance, or rivalry towards other companies which you would condemn as unjust or unfair were they used against yourself. Recommend to others no schemes, or speculations, or investments, in which you would not be willing to take any share yourself. Give no false testimonials of character, so as to induce others to employ parties whom you would not employ yourself. If you have received favours from other companies, or from individuals, do not let your thankfulness evaporate in mere votes of thanks, or acclamations of applause, but render to others the same tokens of gratitude which, under the same circumstances, you would expect to receive yourself. "All things whatsoever ye would that men should do unto you, do ye even so to them, for this is the law and the prophets."²

7. "*If thine enemy be hungry, give him bread to eat*; and if he be thirsty, give him water to drink ; for thou shalt heap coals of fire upon his head, and the Lord will reward thee."³

If there be a run on a banking company, the rival banking companies should render assistance, and not suffer a solvent bank to stop payment for want of temporary support. All hostile companies should render assistance to each other on the occurrence of calamities, to which all are liable. "Rejoice not when thine enemy faileth, and let not thine heart be glad when he stumbleth, lest the Lord see it, and it displease him, and he turn away his

¹ Lev. xix. 18.

² Matt. vii. 12.

³ Pro. xxv. 21, 22.

wrath from him.”¹ It is quite right to contend against our enemies, and to rejoice when we are successful. “I will extol thee, O Lord, for thou hast lifted me up, and hast not made my foes to rejoice over me.”² But it is not right to rejoice when the wrath of Providence permits them to fall into calamity, or to stumble into acts of vice or folly. A railway company should not rejoice when accidents occur on a rival line; nor a banking company when a rival bank has made a large amount of bad debts; nor an assurance society when extensive fires or numerous deaths have absorbed the funds of a rival society; nor a mining association when accidents have damaged the mines belonging to a rival association. “He that is glad at calamities shall not be unpunished.”³ If your enemies treat you in a different manner, you should not imitate their example, but forgive them. “Recompense to no man evil for evil.”⁴ “Let all bitterness, and wrath, and anger, and clamour, and evil speaking, be put away from you, with all malice; and be ye kind one to another, tender-hearted, forgiving one another, even as God for Christ’s sake hath forgiven you.”⁵

8. “If any man will sue thee at the law, and take away thy coat, let him have thy cloak also.”⁶

(1.) If he have an equal claim to the coat and the cloak, and the law decides that he is justly entitled to the coat, give him the cloak also, though he do not claim it. Do what is just, though the law may not require it, and never have recourse to a legal quibble in order to baffle a just demand. “The thoughts of the righteous are right, but the counsels of the wicked are deceit.”⁷ (2.) Do not go to law without mature deliberation. “Go not forth hastily

¹ Prov. xxiv. 17, 18.

² Ps. xxx. 1.

³ Prov. xvii. 5.

⁴ Rom. xii. 17.

⁵ Eph. iv. 31, 32.

⁶ Matt. v. 40.

⁷ Prov. xii. 5.

to strive, lest thou know not what to do in the end thereof, when thy neighbour hath put thee to shame.”¹ (3.) Nor yet about matters of trifling importance which are no practical injury. “ Strive not with a man without cause, if he have done thee no harm.”² (4.) Nor yet from vindictive motives. “ Say not thou, I will recompense evil, but wait on the Lord, and he shall save thee.”³ (5.) Never go to law about matters in which you have no direct interest. “ He that passeth by, and meddleth with strife belonging not to him, is like one that taketh a dog by the ears.”⁴ (6.) Do not go to law with a man merely because he is poor, and therefore unable to contend against your large capital ; nor trespass on any man’s rights because he cannot afford the expense of obtaining legal redress. “ Rob not the poor because he is poor, neither oppress the afflicted in the gate, for the Lord will plead their cause, and spoil the soul of those that spoiled them.”⁵ (7.) It will be wise and honourable to bring the suit to a close as soon as you can. “ It is an honour for a man to cease from strife, but every fool will be meddling.”⁶ (8.) If you reject a just and honourable compromise, you may lose the action, and you will then not only have to pay the expense of the suit, but you will have put yourself in a disreputable position. “ Agree with thine adversary quickly, while thou art in the way with him, lest at any time the adversary deliver thee to the judge, and the judge deliver thee to the officer, and thou be cast into prison. Thou shalt by no means come out thence till thou hast paid the uttermost farthing.”⁷ (9.) Do not indulge a fondness for litigation. “ He loveth transgression that loveth strife, and he that exalteth his gate seeketh

¹ Prov. xxv. 8.

² Prov. iii. 30.

³ Prov. xx. 22.

⁴ Prov. xxvi. 17.

⁵ Prov. xxii. 22, 23.

⁶ Prov. xx. 3.

⁷ Matt. vi. 25, 26.

destruction.”¹ (10.) If you have to sue any party criminally, enforce the law with kindness and forbearance. “ Execute true judgment, and shew mercy and compassion every one to his brother.”² It is quite possible to execute judgment and show mercy at the same time. (11.) If called upon to arbitrate between contending parties, act justly and impartially. “ Thou shalt not respect the person of the poor, nor honour the person of the mighty; but in righteousness shalt thou judge thy neighbour.”³ “ Thou shalt not wrest judgment: thou shalt not respect persons: neither take a gift; for a gift doth blind the eyes of the wise, and pervert the words of the righteous.”⁴ (12.) Public companies should employ none but honourable men to plead any cause in which they may be engaged. Advocates who are noted for legal quibbling, attacking private character, or browbeating witnesses, should not be engaged; and, more especially, the *standing counsel* of a public company should be a man of high moral and religious principle.

“ What hast thou to do to declare my statutes? Thou givest thy mouth to evil, and thy tongue frameth deceit.⁵—They speak vanity every one with his neighbour: with flattering lips and with a double heart do they speak. The Lord shall cut off all flattering lips, and the tongue that speaketh proud things: who have said, With our tongue will we prevail; our lips are our own: who is Lord over us?⁶—There is that speaketh like the piercings of a sword: but the tongue of the wise is health. The lip of truth shall be established for ever: but a lying tongue is but for a moment. Deceit is in the heart of them that imagine evil: but to the counsellors of peace is joy.”⁷

9. “ Be ye *all, of one mind*, having compassion one of another; *love as brethren*; be *pitiful*, be *courteous*.”⁸

Be of one mind.—Public companies should entertain a good feeling towards each other, and endeavour to pro-

¹ Prov. xvii. 19.

² Zech. vii. 9.

³ Lev. xix. 15.

⁴ Deut. xvi. 19.

⁵ Ps. l. 16—19.

⁶ Ps. xii. 2—4.

⁷ Prov. xii. 18—20.

⁸ 1 Pet. iii. 8.

mote each other's interest. On proper occasions, they ought to unite their influence for the protection of their mutual rights.

Be courteous.—All the servants of the company who come into communication with the public should be instructed to behave with the utmost courtesy; and if they do so, they are entitled to courtesy in return. No shareholder should address a servant of the company as if he were his own individual servant; nor should he, in his transactions with the company, expect any undue attention or preference on account of his being a shareholder. When a company has occasion, in its annual report or public documents, to refer to the proceedings of other companies, it should always be done in the language of courtesy.

Be pitiful (full of pity).—In some cases, life policies become forfeited through the inability of the parties to pay the premiums, and sometimes by the party meeting his death in a way that deprives his relations of all claim on the company. In cases like these, insurance companies should take all the circumstances into consideration, and *be pitiful*. When an honest tradesman fails, and his creditors agree to take a composition, the banking company should not refuse to accept the terms proposed, but should *be pitiful*. When the servant of a company has inadvertently committed an error, not involving any moral delinquency, let him not be too hastily dismissed, and thus placed for life in a lower condition, but *be pitiful*. When servants of the company, from sickness or old age, have become less effective than formerly, let arrangements be made for rendering their duties proportionate to their diminished strength. Recollect, they were once young and healthy, and you had then the benefit of their services—do not treat them harshly now. *Be pitiful.*

10. "*Use hospitality one to another, without grudging.*"¹

It is proper that public companies, on particular occasions, such, for example, as the opening of a new line by a railway company, should entertain their friends and others connected with the company. Also, that the companies should use hospitality "one towards another." Social intercourse tends to promote friendly feelings; and a friendly feeling between the principal officers and members of different companies tends to promote a friendly feeling between the companies themselves. It is also a good practice to give an annual dinner to all the servants of the company. The words "without grudging" may suggest, that when the company can afford it, these entertainments should be given in a rather handsome style, without a too strict regard to economy. On these festive occasions, the humbler servants and others connected with the company should not be forgotten. "When thou makest a feast, call the poor, the maimed, the lame, the blind. And thou shalt be blessed, for they cannot recompence thee, for thou shalt be recompensed at the resurrection of the just."²

11. "Thou shalt *not oppress a stranger*, for ye know the heart of a stranger, *seeing ye were strangers in the land of Egypt.*"³

The principle of this suggestion is, that we ought to have compassion for all those who are in the same difficulties in which we formerly were ourselves. Those whom Providence has raised to a higher station than they or their fathers occupied, should entertain kindly feelings towards those who belong to the class from whence they have sprang. The same rule applies to public companies. Those which have overcome the difficulties of their formation, and become prosperous, should

¹ 1 Pet. iv. 9.

² Luke xiv. 13, 14.

³ Exod. xxiii. 9.

not employ any vexatiōus or oppressive means of preventing the growth of similar companies. Knowing the anxieties they experienced from the difficulties they had to encounter, they should not inflict similar anxieties upon others. Moses often enforces the duty of kindness towards servants and strangers, by reminding the Israelites that they had been strangers and bondsmen in the land of Egypt. In questions of morals, it is generally a safe guide to a correct judgment, to put ourselves in the position of others, and to inquire what then would be our own feelings, and what kind of conduct we should wish, under such circumstances, to be adopted towards ourselves? In the decision of such cases, it usually appears, that the cultivation of the moral feelings has improved the intellectual faculties. A sound heart is less likely to go astray than a clever head. “The entrance of thy words giveth light : it giveth understanding unto the simple.”¹

12. “Masters, give unto your servants that which is just and equal, knowing that ye also have a Master in heaven.”²

Be just in your appointments, and select those who are the most worthy and the best qualified for the duties they will have to discharge. *Be just in the amount of your remuneration*; recollect that many of the servants of public companies have greater trusts and heavier responsibilities than the servants of individuals; and in this case, it is just and equal that they be rewarded accordingly. *Be just in your promotions*, and let not merit be supplanted by patronage or favouritism. *Be just in the quantity of labour you exact*. Appoint a sufficient number of servants to do the work easily. Do not compel them to keep late hours; nor refuse reasonable holidays, for the purposes of health and recreation. *Be just in your pensions*, and let your

¹ Ps. cxix. 130.

² Col. iv. 1.

aged and worn-out servants be treated with respect and liberality: *Be just in your reproofs.* “Forbearing threatening.”¹ Let not your censures or your punishments be more than proportionate to the offence; and be as ready at all times to acknowledge the merits of your servants as to notice their defects. All complaints, and all applications for increased remuneration or privileges, from the servants of public companies should receive mature consideration; and all refusals should be given with kindness and courtesy. Job, when reduced to distress, consoled himself with the reflection, that in his former prosperity, when he was the greatest of all the men of the east,² he had not despised the cause of his man servant or his maid servant when they contended with him. Moses enacted, “Thou shalt not muzzle the ox when he treadeth out the corn;”³ and St. Paul has twice quoted this enactment,⁴ to inculcate the lesson, that we ought not to stint the remuneration, nor even the enjoyments, of those by whose labour we profit. There is something touching in the following text:—“A certain centurion’s servant, *who was dear unto him*, was sick, and ready to die;”⁵ and the Psalmist has given us a lovely exhibition of the Divine character in the words, “He hath pleasure in the prosperity of his servants.”⁶

13. “Exhort servants to be obedient unto their own masters, and to please them well in all things, not answering again, not purloining, but *showing all good fidelity*, that they may adorn the doctrine of God our Saviour in all things.”⁷

Public companies have a right to expect that their servants should not only be obedient during the official hours

¹ Eph. vi. 9.

² Job xxxi. 13.

³ Deut. xxv. 4.

⁴ 1 Cor. ix. 9; 1 Tim. v. 18.

⁵ Luke vii. 3.

⁶ Ps. xxxv. 27.

⁷ Titus ii. 9, 10.

of business, but that at all times their conduct should be such as will be reputable to the company—attempting to “please them well in all things”—“not, answering again”—not objecting to obey any lawful commands—“not purloining, but showing all good fidelity,”—not misapplying the property with which they are entrusted, not suffering the company to be defrauded or damaged by other parties. “That they may adorn the doctrine of God our Saviour in all things,” the servants of a public company are exposed to observation and criticism, and its honourable reputation in the world will be affected by the estimate that may be formed of their moral and religious character. Christian principle is of more importance than brilliant talents, and is more highly respected, even by the ungodly. The personal character of its servants is sometimes of greater value to a company than their personal services, and can less easily be replaced. They adorn the *doctrine* of Christianity when, from Christian motives, they *practise* those virtues which are suitable to their several stations. It gives us a pleasing idea of social life among the Hebrews, when we find, that not only did the children address the Supreme Being as the God of their fathers, but the servants addressed Him as the God of their masters. “O Lord God of my master Abraham,” said Eliezer of Damascus, “I pray Thee send me good speed this day, and shew kindness unto my master Abraham.”¹ It is one of the duties of the servants of public companies to pray for the prosperity of the company whom they serve.

14. “Pure religion, and undefiled before God and the Father is this, *to visit the fatherless and widows in their affliction*, and to keep himself unspotted from the world.”²

Establish a fund for the relief of the widows and chil-

¹ Gen. xxiv. 12.

² James i. 27.

dren of the servants of the company. Such a fund is established by the East India Company and by the Bank of England, and why not by all large companies? Mining and railway companies should relieve the widows and children of those who meet with accidents in their respective works. The word *visit* implies, that this relief should be generous and kind; and the words, *in their affliction*, may suggest that it ought to be prompt and immediate, not postponed till *after* their affliction.

15. "As we have opportunity, let us do good unto all men, especially unto them who are of the household of faith."¹

Let all your arrangements be adapted to promote the public good,² and more especially to benefit the moral and religious portion of the community. "He that diligently seeketh good procureth favour; but he that seeketh mischief, it shall come unto him."³

III. Having considered the duties of patriotism, and the duties of social relationship, we now come to the duties of religion.

By the duties of religion we mean the duties we owe directly to God. Those which are most applicable to public companies are, to acknowledge the hand of God—to promote his worship—and to reverence his Sabbaths.

¹ Gal. v. 10.

² Among the minor immoralities of the present age we are disposed to place the practice of smoking cigars, to the extent to which it is now carried. We refer to smoking in the streets, on board of steam-boats, and in places of public resort, where the smoker can obtain his enjoyment only by annoying others, and thus violating the injunction, "Thou shalt love thy neighbour as thyself." The public are much indebted to the railway companies for prohibiting this practice in their carriages and establishments, and it is desirable that the steam-boat companies should adopt similar regulations.

³ Prov. xi. 27.

To acknowledge the power and goodness of God, and our dependence on Him for all the blessings we possess, is not less the duty of a public company than it is of an individual. Moses cautions the Israelites against forgetfulness of God in the time of their prosperity :—

“ Beware that thou forget not the Lord thy God, in not keeping his commandments, and his judgments, and his statutes, which I command thee this day : lest when thou hast eaten and art full, and hast built goodly houses and dwelt therein ; and when thy herds and thy flocks multiply, and thy silver and thy gold is multiplied, and all that thou hast is multiplied ; then thine heart be lifted up, and thou say in thine heart, My power and the might of mine hand hath gotten me this wealth. But thou shalt remember the Lord thy God : for it is He who giveth thee power to get wealth.”¹

A neglect to acknowledge the hand of God is denounced as a heinous offence. The chief national crime charged against ancient Tyre by the prophet Ezekiel was, “ By thy great wisdom and thy traffic thou hast increased thy riches, and thy heart is lifted up because of thy riches.”² “ If ye will not hear, and if ye will not lay it to heart, to give glory unto my name, saith the Lord of Hosts, I will even send a curse upon you, and I will curse your blessings.”³ They who honour inferior agents, but forget the Cause of all their prosperity, are compared to the heathen fishermen, who “ sacrifice unto their net, and burn incense unto their drag, because by them their portion is fat, and their meat plenteous.”⁴

In ancient Rome the merchants and bankers had a public procession every year to the temple of Mercury—who, by a strange association, was regarded as the god of merchants and of bankers, of thieves and of eloquence—to offer sacrifices for the blessings they had received ; and, as the satirists said, to ask forgiveness for all the frauds

¹ Deut. viii. 11—18.

² Ezek. xxviii. 5.

³ Mal. ii. 2.

⁴ Hab. i. 16.

and tricks they had practised in their trade during the past year.*

In the Middle Ages, the public companies then formed took mottoes, many of which were expressive of religious feelings. Thus, if we cast our eyes on our Royal Exchange, we shall see that the City motto is, “ Domine dirige Nos,” and that of the Mercers’ Company is “ Honor Deo.” This would not be consistent with the manners of the present age, though we believe our public companies are as much disposed to implore Divine direction, and to render to God the honour of their success, as were any of the associations of former days. The way to obtain this direction, and to have occasion for rendering this honour, is to acknowledge the superintendence and kindness of God. “ In all thy ways acknowledge him, and he shall direct thy paths.”¹ “ Call upon me in the day of trouble, I will deliver thee, and thou shalt glorify me.”²

We are not friendly to the introduction of religious matters, either by individuals or public bodies, into secular intercourse. We have no wish that our business meetings should commence with prayer, and conclude with the doxology. But surely there must be some way in which a public company may, consistently with our national character, and the manners of the age, express its reliance on Divine Providence, and its gratitude for the favours that Providence has conferred. Is there no way in which a public company may virtually utter the sentiments so beautifully expressed by David :—

“ David blessed the Lord before all the congregation : and said, Blessed be thou Lord God of Israel, our Father, for ever and ever. Thine, O Lord, is the greatness, and the power, and the glory, and the victory, and the majesty, for all that is in the heaven and the earth is thine ; thine is the kingdom, O Lord, and thou art exalted as head above all.

* Prov. iii. 6.

² Ps. l. 15.

Both riches and honour come of thee, and thou reignest over all ; and in thine hand is power and might ; and in thine hand it is to make great, and to give strength unto all. Now therefore, our God, we thank thee, and praise thy glorious name. But who am I, and what is my people, that we should be able to offer so willingly after this sort ? for all things come of thee, and of thine own have we given thee.”¹

Another religious duty is, to support the public worship of God. Human legislation can enforce a small portion only of the moral and religious duties of mankind, and can never interfere until vice has grown into crime.² Religion extends her sway, not only over all the actions of man, but over the motives and springs of action.³ Religious and moral principles implanted in the mind of the community are the only security for the performance of religious and moral duties, and the only means of acquiring the happiness which the performance of these duties tends to produce.

While we maintain, in the words of ‘our motto, that’ “property has its duties as well as its rights,” we maintain, with equal firmness, that property has its rights as well as its duties, and they who disregard its rights have no claim on the performance of its duties. But though the rights of property are as sacred as any other rights,⁴ yet they are the first to be disregarded among an immoral or an irreligious population. As a portion of the property class, therefore, public companies should support

¹ 1 Chron. xxix. 10—14.

² Some writers on moral philosophy have divided the social rights of man into perfect and imperfect. The perfect rights can be enforced by human laws. The enactments referring to these rights are generally expressed in a negative form : “Thou shalt *not* kill ;” “Thou shalt not steal.” The imperfect rights cannot be enforced perfectly by human laws. These enactments are generally positive : “Honour thy father and thy mother ;” “Thou shalt love thy neighbour as thyself.” The fourth commandment has one of each kind : “Thou shalt do no manner of work ;” “Remember the Sabbath day to keep it holy.”

³ Exod. xx. 17; Matt. xv. 19.

⁴ Mark x. 19.

the extension of moral and religious principles, as a means of securing the safe and quiet enjoyment of their possessions. The maintenance of the public worship of God is one means of extending the knowledge and influence of these principles.

But apart from motives of interest, it is no less the duty of public companies, than of individuals, to promote the honour of their Creator and Benefactor; and to diffuse among others those blessings that attend the discharge of religious obligations.

Public companies should not only give to all their servants the means of attending public worship, but they should also contribute towards its support in the district in which their operations are carried on. The houses and the lands they occupy, if not held by them, would probably be occupied by others who would thus contribute. It is, therefore, as much their duty as it is the duty of the other parishioners to provide the means of religious instruction for their neighbours. Contributions towards this object, may not only be a suitable way of performing the duty to which we have referred,—that of acknowledging their obligations to the Divine Being, and of extending those principles by which their own property is rendered more secure,—but also of promoting the piety, and, consequently, the happiness of all the members of the community, and of discharging a duty to which is distinctly attached the promise of temporal prosperity. “Bring ye all the tithes into the storehouse, that there may be meat in mine house, and prove me now herewith, saith the Lord of Hosts, if I will not open you the windows of Heaven, and pour you out a blessing, that there shall not be room enough to receive it.”¹

Another religious duty is to reverence the Sabbath-day.

¹ Mal. iii. 10.

Viewed only with reference to the present life, the institution of the Sabbath-day is one of the greatest blessings that religion has conferred upon man:—“Remember the Sabbath-day to keep it holy: in it thou shalt not do any work.”¹ It may be observed, that this is the only one of the ten commandments that we are expressly enjoined to enforce upon our households, and some of the most awful denunciations and threatenings in the Holy Scriptures are directed against the violation of the Sabbath-day. After the return from the Babylonish captivity, Nehemiah was most anxious to enforce the due observance of the Sabbath:—

“ In those days saw I in Judah some treading wine-presses on the Sabbath, and bringing in sheaves, and lading asses; as also wine, grapes, and figs, and all manner of burdens, which they brought into Jerusalem on the Sabbath-day: and I testified against them in the day wherein they sold victuals. There dwelt men of Tyre also therein, which brought fish, and all manner of ware, and sold on the Sabbath unto the children of Judah, and in Jerusalem. Then I contended with the nobles of Judah, and said unto them, What evil thing is this that ye do, and profane the Sabbath-day? Did not your fathers thus, and did not our God bring all this evil upon us and upon this city? Yet ye bring more wrath upon Israel by profaning the Sabbath.”²

The design of the Sabbath is to ensure an interval of bodily repose, more especially for the humbler classes of society;³ to change the current of thought, and thus to preserve the mental powers in a state of vigour and freshness; to give leisure for reflection, and thus enable man to look above him, and around him, and within him, and consider his own character and destiny; and to furnish opportunity for the discharge of those duties of piety, of kindness, and of benevolence, which devolve upon him as a moral and religious being. To express thankfulness for past mercies is specially named as one of the duties to be

¹ Exod. xx. 8—10.

² Neh. xiii. 15—18.

³ Deut. v. 14.

performed;¹ and these feelings are beautifully expressed in the 100th Psalm :—

“ O be joyful in the Lord, all ye lands. Serve the Lord with gladness : and come before his presence with a song. Be ye sure that the Lord he is God : it is he that hath made us, and not we ourselves ; we are his people, and the sheep of his pasture. O go your way into his gates with thanksgiving, and into his courts with praise : be thankful unto him, and speak good of his name. For the Lord he is gracious : his mercy is everlasting ; and his truth endureth from generation to generation.”²

The institution of the Sabbath-day must not be regarded as diminishing the produce of annual labour. By improving the habits and invigorating the mental powers, it increases the annual produce of labour, both in regard to nations and individuals.

The labour of the Sunday tends not to wealth. It is not the man who “ adds Sunday to the week ” of toil, who employs that holy day in attending to his ordinary business or in making up his books—no, it is not he who is in the surest road to riches. It is the man who, when the Sunday dawns, feels his mind expand with new and exhilarating and ennobling associations ; who, accompanied by his family, appropriately attired, pays his morning homage in the temple of religion, and passes the remainder of the day in works of charity or piety, or in innocent relaxations corresponding with the sanctity of the day—that is the man who, by improving the intellectual, the moral, and the social faculties of his mind, is adopting the surest means of acquiring wealth and respectability in the world.

They greatly err who imagine they are pleading the cause of the poor when they endeavour to remove the religious sanctions of the Sabbath-day. Should the mass of the population once entertain the impression that the observance of the Sunday is not required by religion, but

¹ Deut. v. 15.

² Prayer-book translation.

is merely a matter of convenience or expediency, the poor will then have no security for cessation from toil. Reasons will soon be found, based apparently upon a regard for the poor, for increasing their labour. Let the Sunday be regarded no longer as a day of devotion, but merely as a day of pleasure, and it will soon become a day of toil.

Were the Sunday abolished, the poor man would receive no more wages for his seven days' labour than he now does for his six. His scale of comforts would be reduced, as he would have no occasion for a Sunday's attire. His opportunities of social intercourse and of moral improvement would be abolished. In this and in other cases it is shown that Religion, while she is the guide and solace of the wealthy, is pre-eminently the friend and guardian of the poor.¹

" If it be the duty of nations and of individuals to observe the Sabbath-day, it must equally be the duty of public companies. We read of no dispensation in their favour. The prohibition of any manner of work does not except the work of public companies. It is not said that all men-servants and maid-servants shall have rest except the servants of public companies. Nor are we taught that the violation of the Sabbath-day will bring down judgments upon nations, but *nonq* upon public companies.

But, as in domestic, so in social life, there are certain works of necessity, and many duties that must be performed, even on the Sabbath-day.² In these cases a public company will act like the head of a religious family. All the secular duties that can be postponed will be postponed to the following day. Other duties will be performed in such portions of the day as will permit as many

¹ See a work just published, on "The Temporal Benefits of Christianity," by Robert Blakey. (Longman.)

² Isa. xlix. 15; Luke xiii. 15: xiv. 5.

servants as possible to attend Divine service; and those servants who cannot be thus favoured will be allowed other seasons for the performance of this duty.¹

We will not attempt to specify in detail all the works that may lawfully be performed by public companies, or by individuals, on the Sabbath-day. We will merely observe that, though "the Sabbath was made for man, and not man for the Sabbath,"² yet, at the same time, they who most religiously keep holy the Sabbath-day, may expect to share most largely of those spiritual and temporal benefits its institution was designed to bestow.

"If thou turn away thy foot from the Sabbath, from doing thy pleasure on my holy day; and call the Sabbath a delight, the holy of the Lord, honourable; and shalt honour him, not doing thine own ways, nor finding thine own pleasure, nor speaking thine own words: then shalt thou delight thyself in the Lord; and I will cause thee to RIDE UPON THE HIGH PLACES OF THE EARTH, and feed thee with the heritage of Jacob thy Father: for the mouth of the Lord hath spoken it."³

IV. The last class of duties are the duties of benevolence.

By the duties of benevolence, we mean the duties we owe to the poor.

Throughout both the Old and the New Testament there is no duty more frequently enforced than this—nor one, to the performance of which there is attached so many promises of temporal prosperity.

Moses, besides enacting many laws that had an especial bearing upon the welfare of the poor, enjoined, moreover, the duty of voluntary benevolence.

"And if thy brother be waxen poor, and fallen in decay with thee; then thou shalt relieve him: though he be a stranger, and a sojourner.⁴—For the poor shall never cease out of the land: therefore I command thee, saying, Thou shalt open thy hand wide unto thy brother, to thy poor, and to thy needy, in thy land."⁵

¹ We omit here the discussion of the question respecting Sunday travelling by railways, as inappropriate to the present work.

² Mark ii. 27. ³ Isa. lviii. 13, 14. ⁴ Lev. xxv. 35. ⁵ Deut. xv. 11.

The devotional exercises of the Israelites abound with benedictions on those who pitied the poor.

"Blessed is he that considereth the poor: the Lord will deliver him in time of trouble. The Lord will preservē him, and keep him alive; and he shall be blessed upon the earth: and thou wilt not deliver him unto the will of his enemies. The Lord will strengthen him upon the bed of languishing: thou wilt make all his bed in his sickness."¹

Job said :—

"When the ear heard me, it blessed me; and when the eye saw me, it gave witness to me: because I relieved the poor that cried, and the fatherless, and him that had none to help him. The blessing of him that was ready to perish came upon me: and I caused the widow's heart to sing for joy."²

In the Proverbs of Solomon, we read :—

"He that hath pity upon the poor lendeth unto the Lord; and that which he hath given will he pay him again.³—He that hath a bountiful eye shall be blessed; for he giveth of his bread to the poor.⁴—He that hath mercy on the poor, happy is he."⁵

Seasons of festivity were celebrated by granting relief to the poor.

"The days wherein the Jews rested from their enemies, and the month which was turned unto them from sorrow to joy, and from mourning into a good day: that they should make them days of feasting and joy, and of sending portions one to another, and gifts to the poor.⁶—This day is holy unto the Lord your God; mourn not, nor weep. Go your way, eat the fat and drink the sweet, and send portions unto them for whom nothing is prepared."⁷

In the New Testament, we read :—

"Give, and it shall be given unto you; good measure, pressed down, and shaken together, and running over, shall men give into your bosom. For with the same measure that ye mete withal, it shall be measured to you again.⁸—Charge them that are rich in this world, that they be not high-minded, nor trust in uncertain riches, but in the living God, who giveth us richly all things to enjoy; that they do good, that they be rich in good works, ready to distribute, willing to communicate; laying

¹ Ps. xli. 1, 2, 3.

² Job xxix. 11—13.

³ Prov. xix. 17.

⁴ Prov. xxii. 9.

⁵ Prov. xiv. 21.

⁶ Esther ix. 22.

⁷ Neh. viii. 9, 10.

⁸ Luke vi. 38.

up in store for themselves a good foundation against the time to come, that they may lay hold on eternal life.¹—Whoso hath this world's goods, and seeth his brother have need, and shutteth up his bowels of compassion from him; how dwelleth the love of God in him?"²

On the other hand, the most awful denunciations are directed against those who are unfeeling towards the poor:—

"He that oppresseth the poor reproacheth his Maker: but he that honoureth him hath mercy on the poor.³—Whoso stoppeth his ears at the cry of the poor, he also shall cry himself, but shall not be heard.⁴—He that oppresseth the poor, to increase his riches; and he that giveth to the rich, shall surely come to want.⁵—He that giveth unto the poor shall not lack; but he that hideth his eyes shall have many a curse."⁶

- The rule by which public companies, as well as individuals, should regulate the amount of their contributions to religious and charitable purposes, is distinctly laid down in the Holy Scriptures—it is their ability.
- "Every man shall give as he is able, according to the blessing of the Lord thy God, which he hath given thee.⁷—Thou shalt truly tithe all the increase of thy seed, that the field bringeth forth year by year.⁸—Upon the first day of the week let every one of you lay by him in store, as God hath prospered him."⁹

The spirit of these instructions appears to be, that public companies should devote to religious and charitable purposes, a certain proportion of their annual profits. What that proportion should be, must be determined by each individual company. All public companies have the advantage of knowing the exact amount of their annual gains. "Be thou diligent to know the state of thy flocks, and look well to thy herds." The principle of this injunction is—balance your books every half-year, in order to ascertain the state of your affairs, and the amount of your profits. In all cases we think it better that a fixed

¹ 1 Tim. vi. 17—19.

² 1 John iii. 17.

³ Prov. xiv. 31.

⁴ Prov. xxi. 13.

⁵ Prov. xxii. 16.

⁶ Prov. xxviii. 27.

⁷ Deut. xvi. 17.

⁸ Deut. xiv. 22.

⁹ 1 Cor. xvi. 2.

sum should be set apart at the commencement of the year, rather than the amount should be regulated by the caprice of the moment. We think it a good practice, even for individuals, and especially for young men commencing life, to determine, like Jacob,¹ that a certain part of their future gains should be devoted to the cause of piety and benevolence. We are not friendly to religious vows; but we think every prudent man, (and public companies are presumed to be assemblies of prudent men,) should have fixed principles of action, and not let his discharge of pious and charitable duties depend on the impulse of the moment. "Every man according as he purposeth in his heart so let him give, not grudgingly or of necessity, for God loveth a cheerful giver."² This language seems to imply, that the amount devoted to acts of charity, should be the result of previous deliberation, and that those who have fixed the amount by a previous purpose, give with more cheerfulness than those whose minds present on every occasion a conflict between the suggestions of liberality and those of selfishness, and who grudgingly comply with the solicitations of others, or give as a necessity imposed on them by their social position.

We are no advocates for indiscriminate charity. We think, that men of business (and such our public companies are usually composed) should show the same prudence in the exercise of their charity as they would on other occasions; they should endeavour to ascertain the way of doing the most good with equal means, and should look to the remote as well as to the immediate effects of their benevolence.

The first claim on their liberality, is that of the parish or district in which the company conducts its operations. As the locality, if not occupied by a company, would pro-

¹ Gen. xxviii. 22.

² 2 Cor. ix. 7.

bably be occupied by individuals, the company is morally bound to subscribe to the local charities as liberally as would be done by individuals of equal wealth. Another claim is, that of charities whose object has some connexion with the object of the company, or which would relieve the distress of parties employed by the company.

There are also extraordinary cases, wherein, by a sudden visitation of Providence, there is general distress; such as when, by a revulsion of trade, large masses of men are thrown out of employment; or the occurrence of famine, pestilence, or fire. In these cases the appeal is not made to us in our local or professional character, but to our national feeling, or to our common humanity; and then public companies have the same duties to perform as would fall upon individuals of equal wealth. On the other hand, therē are occasions wherein private charity is more useful than public charity; and it may become the duty of public bodies, as well as of individuals, to exercise their benevolence in secret.¹

But it is not necessary that kindness to the poor should always take the form of almsgiving. It is often better to prevent poverty than to relieve it,—to give employment rather than money,—to grant a loan, than to bestow alms. And sometimes public companies can so construct their business arrangements, as, without any pecuniary sacrifice,

¹ Matt. vi. 1—4. It appears to us, that one of the least useful modes of benefiting the poor is that of permanent endowments. It seems much better that 1,000*l.* were distributed immediately to the poor, than that this sum were invested in the funds, and the interest doled out to the poor of distant generations. Let the benevolence of the present age relieve the distress of the present age; and let us hope that the benevolence of future ages will be equal to our own, and equally commensurate with the distress which may then exist. This immediate and broadcast charity seems to answer best to the scriptural description: “He hath dispersed abroad; ~~he~~ hath given to the poor; his righteousness—not his legacies—endureth for ever.”—Ps. cxii. 9; 2 Cor. ix. 9.

greatly to promote the interest and the comfort of the humbler classes of the community. Public companies should also co-operate in endeavouring to raise the social condition of the poor, by diminishing the hours of labour, by relieving women and children from unsuitable or oppressive toil, and by extending among the rising population the benefits of religious education.

To remove the ignorance of the poor is a duty not less important than to relieve their distress.

The God of the Bible is described as “the God of knowledge;”¹ and he has implanted in the minds of his creatures a faculty for acquiring and increasing knowledge. The exercise and improvement of this faculty is as much a duty as the improvement of any other talent with which we are entrusted. And from the claims of our common humanity, and from the relation we all sustain to the same Creator,² it becomes our duty also to aid others in their pursuit of knowledge. The cultivation of our intellectual faculties does not diminish, but increases and refines our physical comforts—augments our social pleasure, by imparting to each individual additional claims to regard—exalts our devotional feelings, by unlocking more of the wisdom and goodness manifested in the works of God—and while the amiable, though injurious, aberrations of the moral and religious feelings are controlled by the judgment, the adjudications of reason on moral and religious questions are aided and guided by an instructed and enlightened conscience. It is quite possible for all these advantages to be extended to every individual in the community.

It is peculiarly the duty and the interest of the rich to educate the poor: the morals of their children, and the comfort of their families, depend much on the religious

¹ 1 Sam. ii. 3.

² Mal. ii. 10; Acts xvii. 26.

education of their servants. Among an educated population, the rights of property—the effects of capital on the demand for labour, and the useful tendency of what are called luxuries—and the necessity for order and subordination in the state, will be better understood. In proportion as the mass of the population are instructed will be the amount of national happiness and prosperity. Mighty is the monarch, great is the statesman, who can direct the united energies of a nation of cultivated minds. The education of the poor is a duty even more incumbent upon public companies than upon individuals. For it is to the inventions and improvements in science, often made by persons of the working class, that many of them owe their existence. Improvements in the application of steam have produced most of our present mining, and steamboat, and railway companies. Increased attention to statistics and the laws of mortality has multiplied our insurance companies. The general principle on which all our companies are founded—the power of association—is itself the offspring of modern science. Our public companies are triumphs of mind; they denote a high degree of civilization, and exhibit, most strikingly, the command of man over the elements of nature, as well as over the beasts of the field, and his power in compelling the inert properties of matter to become the active ministers of his will.

Great is the debt of gratitude due by all our public companies to the cause of mental cultivation; and when these companies are computing the annual gains which from this source they have acquired, let them not forget that the Genius of Mental Cultivation, supported by Benevolence, Patriotism, and Religion, and attended by crowds of the uninstructed children of the indigent, stands at their door, and humbly asks payment of a portion of this debt.

Let them in part discharge this debt, by seeing that the children of their labourers, and the people of the district, are all supplied with the means of instruction. And afterwards, let them patronise those societies which have for their object the education of the children of the poor in other districts, and throughout the land. They should also, as far as it can be done with justice to others, give protection to such of their servants as devote their leisure to the cultivation of their minds. The time is gone by when it was a reproach for a young man to be bookish, as he was supposed to abstract so much more time and attention from his official duties. It is now well known that the general cultivation of the intellectual powers, renders them more effective in every operation in which they may be exercised. It is a great advantage to a public company to have educated servants.¹ Their superior knowledge is always useful—the mental discipline they have acquired improves their business habits—and, possessing within themselves a constant source of enjoyment, they are the less likely to indulge in those expensive pleasures which are the usual temptation to neglect and dishonesty.²

THIRDLY.—Having ascertained that public companies

¹ “It seems likely that next year a movement will be made in favour of universal education. I think it desirable that bank managers, and branch managers, should aid this movement in their respective localities, and should support generally, by their assistance and influence, the formation of literary and scientific institutions. This would afford an outlet for any surplus energy of character that might remain after the hours of business, and enable them to promote the public good, without taking part in political or religious discussions. They would acquire for themselves much pleasurable and profitable amusement, would add to the usefulness and respectability of their character in public estimation, and thus be enabled to increase the influence of their respective establishments.”—*A further Extract from the Letter quoted at page 270.*

² Prov. iii. 13—15; iv. 7—9.

are moral agents, and having described the duties which, as moral agents, they are bound to perform, we shall now inquire what are the rewards or punishments which may be expected to follow the performance or non-performance of these duties.

A liability to rewards or punishments is essential to moral agency. To say that public companies are moral agents, but that they will not be rewarded or punished for anything they may do, would be to assert a contradiction. In pursuing our inquiries, therefore, on this subject, we shall ask :—I. At what time will these rewards or punishments be received ? II. What will be their nature ? III. In what manner will they be applied ? and IV. What are the effects these doctrines should produce on the conduct of public companies ?

I. *When* will these rewards or punishments be bestowed ?

From the established order of Providence, which causes virtue to be followed by happiness, and vice by misery,¹ and from the dispositions implanted in the mind of man,² it may fairly be inferred, that the Creator and Governor of the world is a God of truth, and without iniquity, just and right is he.³ And as He also possesses omnipotent power, He will assuredly carry his dispositions and purposes into effect. But on comparing these attributes of

¹ Prov. xi. 31.

² Rom. ii. 14, 15. Some writers on moral philosophy have denied that man possesses those moral powers which are usually, but perhaps not very properly, called *the moral sense*; and, to support their sentiments, they have adduced the immoral practices of various nations in ancient and modern times; such as infanticide, the burning of widows, &c. They might as well have collected together all the erroneous opinions in the arts and sciences that have prevailed in different ages of the world, and then have inferred, that man is not endowed with reason.

³ Deut. xxxii. 4.

the Supreme Governor of the universe with the actual destiny of the righteous and the wicked in the present world, we do not perceive that perfect union of virtue with happiness, and of vice with misery, which our contemplation of the Divine character would lead us to expect, and inquiring minds have often been puzzled for a solution of this difficulty.

“ Righteously art thou, O Lord, when I plead with thee: yet let me talk with thee of thy judgments: wherefore doth the way of the wicked prosper? wherefore are all they happy that deal very treacherously?¹—Thou art of purer eyes than to behold evil, and canst not look on iniquity: wherefore (then) lookest thou upon them that deal treacherously, and holdest thy tongue when the wicked devoureth the man that is more righteous than he?²—As for me, my feet were almost gone; my steps had well-nigh slipped. For I was envious at the foolish, when I saw the prosperity of the wicked.”³

The book of Job is a controversy upon this question.

‘ The friends of Job maintained the proposition, that the destiny of men in the present life corresponded with their moral character.

“ Remember, I pray thee, who ever perished, being innocent? or where were the righteous cut off? Even as I have seen, they that plough iniquity, and sow wickedness, reap the same.⁴—Behold, God will not cast away a perfect man, neither will he help the evil doers.⁵—If thou⁶ wert pure and upright; surely now he would awake for thee, and make the habitation of thy righteousness prosperous.”⁶

Job does not admit this proposition, but declares that sometimes “ the tabernacles of robbers prosper, and they that provoke God are secure, into whose hand God bringeth abundantly.”⁷

In attempting the solution of this difficulty, it may be observed that, though not universally, yet generally, virtue and happiness, vice and misery, are associated in the dispensations of Providence in the present world. And, indeed, in all the moral sciences, the general propositions

¹ Jer. xii. 1. ² Hab. i. 13. ³ Ps. lxxiii. 2, 3. ⁴ Job iv. 7, 8.

⁵ Job viii. 20. ⁶ Job viii. 6. ⁷ Job xii. 6.

are subject to exceptions—the moral sciences differing, in this respect, from the abstract and the physical sciences; or, to use the language of logicians, there is a metaphysical, a physical, and a moral universality.¹ Thus, though it be a general rule in political economy, that the diligent hand maketh rich, yet there are some diligent hands that do not become rich. And though it be a general rule in the science of education, that if you train up a child in the way he should go, when he is old he will not depart from it, yet there are some melancholy exceptions. And thus it is a general rule, that the righteous are prosperous, and the wicked miserable, in the present world, subject only to those exceptions to which all general rules, in the science of morals, are liable. It may also be observed, that, when those exceptions do occur, the prosperity of the wicked, and the afflictions of the righteous, are only of a short duration,² and often even rectify themselves; the afflictions of the righteous leading to prosperity, and the prosperity of the wicked leading to destruction.³

It may moreover be contended, that outward circumstances are no certain index of happiness; that the wicked man, amid all his prosperity, may have a conscience that shall bite as an adder;⁴ or have some particular circumstance that shall give him so much annoyance as to nullify all the pleasures of his success.⁵ While on the other hand, the righteous man may possess such inward sources of happiness, as shall enable him to rejoice even in tribulation.⁶

But though these considerations may lighten, they do not remove the difficulty. It is not consistent with the teaching of our intellectual faculties, nor with the impulses

¹ Watts' Logic.

² Ps. xxxiv. 19; Job xx. 5.

³ Gen. xlvi. 7, 8; Prov. i. 32.

⁴ Prov. xxiii. 32.

⁵ Esther v. 11—13.

⁶ Heb. x. 34; Hab. iii. 17, 18.

of our moral feelings, that a Being of immaculate holiness and inflexible justice, and possessed, moreover, of omniscience and omnipotence, should permit, in even a single instance, that virtue should go unrewarded¹ and vice should remain unpunished. If the Creator of the world were not a righteous Being, he would not have implanted a love of righteousness in the minds of his creatures; and if lie be a righteous Being, it is reasonable to expect that his righteousness should appear in all the operations of his moral government. And as we find this is not universally the case,¹ we are driven to the conclusion, that the present state is not a state of final retribution; that the enjoyments and the afflictions of the present life are intended chiefly as instruments of moral discipline; and that there is a future state of existence, in which the final distribution of rewards and punishments will take place. Thus reason concurs with Revelation in teaching us that “it is appointed unto men once to die, and *after that* the judgment.”² The inequalities of the present world will thus be rectified in the next, and “every man will be rewarded according to his works.”³

But, however satisfactory this solution of the difficulty may be with regard to individuals, it does not apply to the case of public companies. Their existence commences and terminates in the present world, and they must be rewarded or punished in the present world, or they will not be punished or rewarded at all. In the latter case they are exempted from the moral government of God. With them virtue has no reward and vice no punishment. In reply to any exhortations to perform their moral and religious duties, they may exclaim, “What is the Almighty, that we should serve him, and what profit should

¹ Eccles. vii. 15; ix. 2.

² Heb. ix. 27.

³ Prov. xxiv. 12.

we have if we pray unto him?"¹ "We know not the Lord, neither will we obey his voice."² As, however, we cannot suppose that God has exempted public companies from his moral government, we must infer that they are punished or rewarded in the present state.

This conclusion rests upon the same evidence as the argument we have just stated. In the former case the argument stands thus:—

The Righteous Governor of the world must reward the good and punish the wicked.

But this is not done in the present world.

Therefore there must be a future world, in which this retribution will take place.

Our present argument stands thus:—

The Righteous Governor of the world must reward the good and punish the wicked, whether those actions are performed by public bodies, or private individuals.

But the public companies who now perform good or evil actions will not exist in a future world.

Therefore public companies must be rewarded or punished in the present world.

The only way of resisting this argument is either to maintain that public companies are not moral agents, and therefore not responsible for their good or evil actions, or that they will exist in a future world. The former part of the alternative we think we have sufficiently refuted—the latter is too wild to need refutation.³

All the promisings and threatenings of Scripture made to nations or other bodies of men have a reference to the present world, as it is only in the present world that such

¹ Job xxi. 15.

² Exod. v. 2.

³ Luke xx. 34—36. If the marriage contract shall then be dissolved, *ad fortiori*, other contracts will also be dissolved.

collective bodies can, in their corporate capacity, be either punished or rewarded.

II. What is the nature of those rewards or punishments?

The object of a public company is to get wealth—a few patriotic shareholders may have taken shares to benefit the country, or the district that may be the field of its operations; but by far the greater number have no other object than to obtain a profitable employment for their capital. A public company therefore cannot be considered as prosperous, unless this object be obtained. If then a public company be rewarded, it must be by an increase of its wealth; if it be punished, it must be by a diminution of its wealth.¹

That wealth is an evil, is not the doctrine of Scripture nor of common sense.

In Scripture, wealth is distinctly called a blessing:—

“The Lord hath blessed my master greatly; and he is become great: and he hath given him flocks, and herds, and silver, and gold, and manservants, and maid-servants, and camels.²—Thou knowest how I have served thee, and how thy cattle was with me. For it was little which thou hadst before I came, and it is now increased unto a multitude, and the Lord hath blessed thee since my coming.³—The Lord blessed the latter end of Job more than his beginning: for he had fourteen thousand sheep, and six thousand camels, and a thousand yoke of oxen, and a thousand she-asses.”⁴

The exhortation given in Scripture to the rich, to relieve the distress of the poor, must be founded on the principle

¹ It may be observed, that wealth, riches, and similar terms, have usually a relative meaning. Generally, they denote the amount of property possessed by each individual in the highest classes of society. In this sense, wealthy people are comparatively few. But when it is said, “that the diligent hand maketh rich,” it is not meant that every diligent man is placed at the top of society—that would be impossible. It means only, that he possesses more property, and a larger portion of the comforts of life, than he would possess were he not diligent. He is rich, not, perchance, as compared with others, but as compared with his former self.

² Gen. xxiv. 35.

³ Gen. xxx. 29, 30.

⁴ Job xlvi. 12.

that wealth is a blessing, and that poverty is an evil; for if the poor are more happy, more wise, and more virtuous than the rich, upon what ground can the rich be exhorted to relieve the poor?

Even the cautions and admonitions given to the rich, assume the principle that wealth is a blessing—"Better is the poor that walketh in his uprightness, than he that is perverse in his ways, though he be rich."¹ This asserts that wealth is not so great a blessing as moral rectitude; but still it assumes that wealth is a blessing. This will appear if we reverse the sentence; for though it will then be equally true, yet for want of this assumption it will appear ridiculous;—better is the rich that walketh in his uprightness, than he that is perverse in his ways, though he be poor. "Let not the rich man glory in his riches."² "Riches make themselves wings and fly away as an eagle towards heaven."³ "Charge them that are rich in this world, that they trust not in uncertain riches."⁴ All these expressions imply that riches are blessings, and though they partake of the uncertainty of all earthly blessings, as health, friends, or reputation, yet still they are blessings to be received with thanksgiving;⁵ and to be employed in promoting the honour of God;⁶ and the good of mankind.

The Scriptures do not intimate that the personal enjoyment of wealth is necessarily sinful.

Wealth, like any other blessing, may be desired from improper motives,⁷ and sought by improper means,⁸ and such an ill-regulated desire may become the root of all evil.⁹ It is also true, that when wealth is obtained it has its temptations, and so have intellectual superiority,

¹ Prov. xxviii. 6. ² Jer. ix. 23.

³ Prov. xxiii. 5.

⁴ 1 Tim. vi. 17. ⁵ 1 Tim. iv. 3.

⁶ 2 Cor. viii. 7.

⁷ James iv. 3.

⁸ Prov. xxviii. 22; 1 Tim. vi. 9.

⁹ 1 Tim. vi. 10.

literary excellence, and even religious attainments.¹ But, it is not the honourable pursuit of wealth, nor the innocent enjoyment of its advantages, that constitutes a crime. “The ground of a certain rich man brought forth plentifully, and he said, I will pull down ‘my barns and build greater,’ and there will I bestow my fruits, and will say to my soul, Take thine ease, eat, drink, and be merry.”² There was nothing wrong in this. His folly consisted in forgetfulness of the approach of death, and his neglect of preparation for a future state. And in regard to the other rich man,³ it was not his clothing himself in purple and fine linen, and faring sumptuously every day; it was his omitting to relieve the poor man who was laid at his gate, and his neglecting to hear Moses and the prophets, that brought him to the place of torment.

Not only is wealth represented in Scripture as a blessing, but it is a blessing promised as a reward to the practice of virtue and piety.

“All these blessings shall come on thee, and overtake thee, if thou shalt hearken unto the voice of the Lord thy God.—Blessed shalt thou be in the city, and blessed shalt thou be in the field.—Blessed shall be thy basket and thy store. The Lord shall command the blessing upon thee in thy storchouses, and in all that thou settest thine hand unto.—And the Lord shall make thee plenteous in goods, in the fruit of thy cattle, and in the fruit of thy ground.—The Lord shall open unto thee his good treasures, the heaven to give the rain unto thy land in his season, and to bless all the work of thine hand.”⁴

“Godliness is profitable unto all things, having promise of the life that now is, and of that which is to come.⁵—By humility and the fear of the Lord, are riches, honour, and life.⁶—The blessing of the Lord it maketh rich, and he addeth no sorrow therewith.⁷—That I may cause them that love me to inherit substance, and I will fill their treasures.”⁸

The virtues, upon the exercise of which wealth is most frequently promised, are diligence, righteousness, pru-

¹ 2 Cor. xii. 7.

² Luke xii. 16—20.

³ Luke xvi. 19.

⁴ Deut. xxviii.

⁵ 1 Tim. iv. 8.

⁶ Prov. xxii. 4.

⁷ Prov. x. 22.

⁸ Prov. viii. 21.

dence, liberality in the cause of religion, and kindness to the poor. •

1. Diligence in business :—

“ The hand of the diligent maketh rich.¹—The hand of the diligent shall bear rule, but the slothful shall be under tribute.²—The soul of the diligent shall be made fat.³—The thoughts of the diligent tend only to plenteousness.⁴—Seest thou a man diligent in his business, he shall stand before kings, he shall not stand before mean men⁵—Wealth gotten by vanity shall be diminished, but he that gathereth by labour shall increase.⁶—Be thou diligent to know the state of thy flocks, and look well to thy herds.”⁷

2. Righteousness in social transactions :—

“ The curse of the Lord is in the house of the wicked, but he blesseth the habitation of the just.⁸—He that walketh righteously, and speaketh uprightly; he that despiseth the gain of oppressions, that shaketh his hands from holding of bribes, that stoppeth his ears from hearing of blood, and shutteth his eyes from seeing evil; he shall dwell on high: his place of defence shall be the munitions of rocks: bread shall be given him; his water shall be sure.⁹—And if thy brother be sold unto thee, and serve thee six years; then, in the seventh year, thou shalt let him go free from thee. And when thou sendest him out free from thee, thou shalt not let him go away empty: thou shalt furnish him liberally out of thy flock, and out of thy floor, and out of thy wine-press: of that wherewith the Lord thy God hath blessed thee thou shalt give unto him. It shall not seem hard unto thee when thou sendest him away free from thee; *for he hath been worth a double hired servant unto thee*, in serving thee six years: and the Lord thy God shall bless thee in all that thou doest.”¹⁰

3. Prudent habits :—

“ He that loveth pleasure shall be a poor man; he that loveth wine and oil shall not be rich.¹¹—The drunkard and the glutton shall come to poverty, and drowsiness shall clothe a man with rags.¹²—He that tilleth his land shall be satisfied with bread, but he that followeth after vain persons shall have poverty enough.¹³—He that is slothful in his work is

¹ Prov. x. 4.

² Prov. xii. 24.

³ Prov. xiii. 4.

⁴ Prov. xxi. 5.

⁵ Prov. xxii. 29.

⁶ Prov. xiii. 11.

⁷ Prov. xxvii. 23.

⁸ Prov. iii. 33.

⁹ Isa. xxxiii. 15, 16.

¹⁰ Deut. xv. 12, 13, 14, 18.

¹¹ Prov. xxi. 17.

¹² Prov. xxiii. 21.

¹³ Prov. xxviii. 19.

brother to him that is a great waster.¹—A prudent man foreseeth the evil, and hideth himself; but the simple pass on and are punished.²—The sluggard will not plough by reason of the cold; therefore shall he beg in harvest, and have nothing.³—Love not sleep, lest thou come to poverty. Open thine eyes, and thou shalt be satisfied with bread.⁴—In all labour there is profit: but the talk of the lips tendeth only to “penury.”⁵

4. Liberality in the cause of religion:—

“ Honour the Lord with thy substance and with the first-fruits of all thine increase; so shall thy barns be filled with plenty, and thy presses shall burst out with new wine.⁶—Thou shalt truly tithe all the increase of thy seed, that the field bringeth forth year by year. And thou shalt eat before the Lord thy God, in the place in which he shall choose to place his name there, the tithe of thy corn, of thy wine, and of thine oil, and the firstlings of thy herds and of thy flocks; that thou mayest learn to fear the Lord thy God always. And the Levite, (because he hath no part nor inheritance with thee,) and the stranger, and the fatherless, and the widow, which are within thy gates, shall come, and shall eat and be satisfied; that the Lord thy God may bless thee in all the work of thy hand which thou doest.”⁷

5. Kindness to the poor:—

“ If there be among you a poor man of one of thy brethren within any of thy gates in thy land which the Lord thy God giveth thee, thou shalt not harden thine heart, nor shut thine hand from thy poor brother. Thou shalt surely give him, and thine heart shall not be grieved when thou givest unto him: because that for this thing the Lord thy God shall bless thee in all thy works and in all that thou puttest thine hand unto.”⁸

These are the maxims that form the scriptural art of getting rich. We often hear of other maxims,—such as, “Mind number one;” “A penny saved is a penny got;” “Take care of the pence, and the pounds will take care of themselves;” “Charity begins at home.” But these maxims are not found among the Proverbs of Solomon, nor does the Bible anywhere teach us that selfishness, niggardliness, and closefistedness, are the road to wealth.

The scriptural doctrine is the reverse of this:—

¹ Prov. xviii. 9.

² Prov. xxii. 3.

³ Prov. xx. 4.

⁴ Prov. xx. 13.

⁵ Prov. xiv. 23.

⁶ Prov. iii. 9, 10.

⁷ Deut. xiv. 22, 23, 29.

⁸ Deut. xv. 7, 10.

"The liberal soul shall be made fat: and he that watereth shall be watered also himself.¹—The liberal deviseth liberal things; and by liberal things shall he stand.²—There is that scattereth, and yet increaseth; and there is that withholdeth more than is meet, but it tendeth to poverty.³—He which soweth sparingly, shall reap also sparingly; and he which soweth bountifully shall reap also bountifully."⁴

And even in those cases in which wealth is obtained by dishonourable means, that wealth is represented as soon departing from the possession of the individual, and passing into more worthy hands.

"He that oppresseth the poor to increase his riches, and he that giveth to the rich, shall surely come to want.⁵—The Lord will not suffer the soul of the righteous to famish: but he casteth away the substance of the wicked.⁶—He that by usury and unjust gain increaseth his substance, he shall gather it for him that will pity the poor.⁷—The wealth of the sinner is laid up for the just.⁸—God giveth to a man that is good in his sight wisdom, and knowledge, and joy: but to the sinner he giveth travail, to gather and to heap up, that he may give to him that is good before God."⁹

Thus we find, that, according to the political economy of the Bible, wealth is the gift of God,¹⁰ and it is bestowed by him upon those that fear God, and keep his commandments. This blessing is not always bestowed on righteous individuals, because with individuals this is not a state of final retribution; and they are promised in this world, only such a portion of the sunshine of prosperity, as shall conduce to the maturing of the excellences of their character.¹¹ But with public companies this is a state of final retribution, and hence, with them righteousness will bring wealth, and wickedness will bring poverty.

III. In what manner are these rewards or punishments applied?

Rewards or punishments in the present life reach us as .

¹ Prov. xi. 25.

² Isa. xxxii. 8.

³ Prov. xi. 24.

⁴ 2 Cor ix. 6.

⁵ Prov. xxii. 16.

⁶ Prov. x. 3.

⁷ Prov. xxviii. 8.

⁸ Prov. xiii. 22.

⁹ Eccles. ii. 26.

¹⁰ Eccles. v. 19.

¹¹ Rom. viii. 28; 1 Cor. iii. 21.

the natural effects of the virtues or vices which we practise, or they fall upon us by the special visitations of Divine Providence. There is a natural connexion, for instance, between the virtue of temperance and the blessing of health—between industry and wealth—between honesty and reputation ; and when we read, “ He that tilleth his land shall be satisfied with bread,”¹ “ The hand of the diligent maketh rich,”² we see at once the connexion between the virtues practised and the blessings that follow them. But when we read, “ Honour thy father and thy mother, that thy days may be long,”³ “ Blessed is he that considereth the poor : the Lord will deliver him in time of trouble,”⁴ we do not so readily see the connexion between the duty and the blessing. We do not see why filial piety should be connected with longevity, nor why considering the poor should produce deliverance from trouble. These, then, are to be considered as commandments “ with promise.”⁵ The connexion between the duty and the blessing depends on the promises of God. It may so be, that in the secret machinery of Providence, the connexion between the virtues and the blessings may be as natural and as necessary in these latter cases as in the former, but the connexion is not so obvious to us, and therefore, when these blessings occur, we view them as coming directly from the special visitations of the Most High. It may also be observed that, even in the former cases, the connexion is not so necessary or so constant as to supersede the necessity for the Divine blessing. For though industry has a tendency to produce wealth, yet, in many individual cases, it does not do so. In this, and in other moral laws, the Supreme Being appears to have left them open to exceptions, in order to

¹ Prov. xii. 11.

⁴ Ps. xli. 1.

² Prov. x. 4,

⁵ Eph. vi. 2.

³ Exod. xx. 12.

keep up the sense of dependence and the feelings of devotion in the minds of his creatures.

It may be observed, in general, that a principle of righteous retaliation appears to be the prevailing principle of the Divine government.

The Scriptures abound with declarations of this principle.

"I the Lord search the heart, I try the reins, even to give every man according to his ways, and according to the fruit of his doings.¹—Whatever good thing any man doeth, the same shall he receive of the Lord.²—For if ye forgive men their trespasses, your heavenly Father will also forgive you : but if ye forgive not men their trespasses, neither will your Father forgive your trespasses.³—He that doeth wrong shall receive for the wrong which he hath done.⁴—It is a righteous thing with God to recompence tribulation to them that trouble you.⁵—Judge not, that ye be not judged. For with what judgment ye judge, ye shall be judged : and with what measure ye mete, it shall be measured to you again.⁶—Whoso rewardeth evil for good, evil shall not depart from his house.⁷—Whoso causeth the righteous to go astray in an evil way, he shall fall himself into his own pit.⁸—They shall eat of the fruit of their own way, and be filled with their own devices."⁹

This principle prevails throughout all the enactments of the Mosaic law.

"If a man cause a blemish in his neighbour ; as he hath done, so shall it be done to him.¹⁰—Eye for eye, tooth for tooth, hand for hand, foot for foot.¹¹—If a false witness rise up against any man to testify against him that which is wrong ; then shall ye do unto him, as he had thought to have done unto his brother.¹²—Whoso sheddeth man's blood, by man shall his blood be shed."¹³

The denunciations of Scripture often refer to this principle.

"Ye shall not afflict any widow, or fatherless child. If thou afflict them in anywise, and they cry at all unto me, I will surely hear their cry ;

¹ Jer. xvii. 10.

² Eph. vi. 8.

³ Matt. vi. 14, 15.

⁴ Col. iii. 25.

⁵ 2 Thess. i. 6.

⁶ Matt. vii. 1, 2.

⁷ Prov. xvii. 13.

⁸ Prov. xxviii. 10.

⁹ Prov. l. 31.

¹⁰ Lev. xxiv. 19.

¹¹ Exod. xxi. 24.

¹² Deut. xix. 16, 19.

¹³ Gen. ix. 6..

and your wives shall be widows, and your children fatherless.¹—Because thou hast spoiled many nations, all the remnant of the people shall spoil thee.²—The children also of Judah and the children of Jerusalem have ye sold unto the Grecians; and I will sell your sons and your daughters into the hand of the children of Judah, and they shall sell them to the Sabeans.”³

Many of the facts recorded in Scripture illustrate the application of this principle.

“But Adonibezek fled, and they pursued after him, and caught him, and cut off his thumbs and his great toes; and Adonibezek said, Three score and ten kings having their thumbs and their great toes cut off, gathered their meat under my table: as I have done, so God hath requited me.⁴—Samuel said unto Agag, As thy sword hath made women childless, so shall thy mother be childless among women.⁵—Elijah said to Ahab, Thus saith the Lord, In the place where dogs licked the blood of Naboth, shall dogs lick thy blood, even thine.⁶—They hanged Haman on the gallows that he had prepared for Mordecai.”⁷

Providence seems to have implanted in the mind of man a desire of witnessing the application of this principle. An honourable feeling of gratification arises in virtuous minds, when the man of violence, of fraud, or oppression, has been punished in a way corresponding to his crime, and by means brought on by his own actions. Hence the Psalmist prays, “Let the wicked fall into their own nets, whilst that I withal escape.”⁸ “Let his net that he hath hid catch himself: into that very destruction let him fall.”⁹ And he rejoices in witnessing the accomplishment of his desires. “The wicked is snared in the work of his own hands. The heathen are sunk down in the pit that they made: in the net which they hid is their own foot taken.”¹⁰ “They have digged a pit before me, into the midst whereof they are fallen themselves.”¹¹

We should infer from these principles, that, in the

¹ Exod. xxii. 22.—24. ² Hab. ii. 8.

³ Joel iii. 6, 8.

⁴ Judges i. 6, 7.

⁵ 1 Sam. xv. 33.

⁶ 1 Kings xxi. 19.

⁷ Esther vii. 10.

⁸ Ps. cxli. 10.

⁹ Ps. xxxv. 8.

¹⁰ Ps. ix. 15, 16.

¹¹ Ps. lvii. 6.

ordinary course of Providence, it will be natural to expect that public companies will receive their rewards or punishments as the result of their own actions. And this will more obviously be the case when prosperity is bestowed as the reward of diligence, righteousness, or prudence. But when success is bestowed as the reward of the duties of religion or benevolence, it may arise from sudden or unexpected causes. At the same time, we cannot lay down any rules for the Divine procedure. "He giveth not account of any of his matters."¹ "He will destroy the wisdom of the wise, and will bring to nothing the understanding of the prudent."² He can unlock fresh sources of prosperity, or open new fountains of affliction whenever He thinks meet to do so for the moral discipline of his intelligent creation. "The Lord maketh poor and maketh rich: He bringeth low, and lifteth up."³ "When He giveth quietness, who then can make trouble? and when He hideth His face, who then can behold Him, whether it be done against a nation or against a man only?"⁴ With regard to public companies, as well as individuals, "He putteth down one, and setteth up another, and none can stay His hand, or say unto Him, What doest Thou?"⁵ But though "clouds and darkness are round about Him, yet righteousness and judgment are the habitation of His throne."⁶ And He will so arrange the dispensations of His providence, "that men shall say, Verily, there is a reward for the righteous; verily, there is a God that judgeth in the earth."⁷

IV. The effects which a liability to these rewards and punishments should produce on the conduct of public companies.

¹ Job xxxiii. 13.

² 1 Cor. i. 19.

³ 1 Sam. ii. 7.

⁴ Job lxxxiv. 29.

⁵ Ps. lxxv. 7; Dan. iv. 35.

⁶ Ps. xcvi. 2.

⁷ Ps. lviii. 11.

The doctrine we have endeavoured to establish is, that public companies are moral agents, capable of performing good and evil actions. That those which perform good actions will be rewarded, and those which perform evil actions will be punished; and that those rewards and punishments will consist generally in an increase or diminution of their wealth. We shall now notice the practical application which public companies may make of this doctrine.

A liability to be rewarded or punished according to their works should naturally induce public companies to act in such a way as to obtain the reward and to avoid the punishment. This is to be done by performing the duties we have described. Let them perform the duties they owe to their country, and to those with whom they are socially related; their duties to God, and to the poor; and they may hope with confidence for those blessings which are promised to follow the performance of those duties.

1. Public companies should not use this doctrine uncharitably in the opinion they form of other companies which are not so prosperous as themselves.

Our doctrine does not teach us that success will *immediately*, in all cases, follow the performance of the duties we have described: nor that success will be unchecked or unalloyed. A few years is a short period in the history of a public company, and we can form no judgment from so short a period of its ultimate success. Nay, it may be that these few years of struggle and difficulty may be the foundation of its future greatness. We should, therefore, judge illogically and uncharitably, were we, from the temporary distress of a public company, to infer that it was deficient in the performance of its moral and religious duties. We know enough of the principles of the Divine

Government to be able to regulate our own conduct, but not enough to enable us to pass sentence on the conduct of others.¹

2. Public companies should not envy other public companies, who may have neglected their moral and religious duties, and yet, for a time, may enjoy a high degree of apparent prosperity.

When large fortunes are suddenly acquired by comparatively slight deviations from the path of rectitude, even virtuous minds are almost tempted to regret their own purity, and to exclaim, "Verily I have cleansed my heart in vain, and washed my hands in innocence. Behold the ungodly, who prosper in the world; they increase in riches."² But we are cautioned against the indulgence of this disposition.

"Fret not thyself because of evil doers, neither be thou envious against the workers of iniquity. For they shall soon be cut down like the grass, and wither as the green herb. Rest in the Lord, and wait patiently for him: fret not thyself because of him who prospereth in his way, because of the man who bringeth wicked devices to pass. Fret not thyself in any wise to do evil; for evil doers shall be cut off; but those that wait upon the Lord, they shall inherit the earth. For yet a little while, and the wicked shall not be: yea, thou shalt diligently consider his place, and it shall not be.³—I have seen the wicked in great power, and spreading himself like a green bay tree. Yet he passed away, and, lo, he was not: yea, I sought him, but he could not be found."⁴

3. Let those public companies which are not successful examine the duties we have described, one by one, and ascertain if they have performed them all. If they find they may justly be charged with omissions, then "put away the evil of your doings; cease to do evil; learn to do well; seek judgment, relieve the oppressed, judge the fatherless, plead for the poor. If ye be willing and

¹ Luke xiii. 1—5; Acts xxviii. 3—6.

³ Ps. xxxvii. 1—10.

² Ps. lxxiii. 13, &c.

⁴ Ps. xxxvii. 35, 36.

obedient, ye shall eat of the fruit of the land.”¹ If they find they have performed all their duties, and yet are not successful, let them not “be weary in well-doing, for in due season they shall reap, if they faint not.”²

4. Let those public companies which are prosperous also examine how far they are chargeable with a neglect of any of their moral or religious duties. “If weighed in the balance, and found wanting,”³ let them reflect on the transient nature of unsanctified prosperity. “Behold, these are the ungodly, who prosper in the world; they increase in riches. Surely thou didst set them in slippery places: thou castedst them down into destruction. How are they brought into desolation, as in a moment!”⁴ “Lo, this is the man that made not God his strength; but trusted in the abundance of his riches, and strengthened himself in his wickedness. God shall destroy thee for ever, he shall take thee away, and root thee out of the land of the living.”⁵

If they find that they have strictly observed the duties of morality, but neglected those of religion and benevolence, let them recollect that, although it is said, “To do justice and judgment is more acceptable to the Lord than sacrifice,”⁶—thus intimating that morality without religion is better than religion without morality—yet the union of both is essential to perfection of character and to the attainment of the highest degree of prosperity. If they have received those blessings which are promised to the exercise of diligence, righteousness and prudence, let them endeavour to obtain those also which are promised to religion and benevolence. Let them not allow it to be said, that though “diligent in business,”⁷ yet they have

¹ Isa. i. 16, 18, 19.

² Gal. vi. 9.

³ Dan. v. 27.

⁴ Ps. lxxiii. 12, 18, 19.

⁵ Ps. lii. 7, 5.

⁶ Prov. xxi. 3.

⁷ Prov. xxii. 29.

not "diligently followed every good work,"¹ that their righteousness refers only to temporal affairs, and though scrupulously observant of the rights of man, yet they have been unmindful of the rights of God;² that their wisdom is only the wisdom of this world, and not the wisdom which cometh from above, which is "first pure, then peaceable, gentle, and easy to be entreated, full of mercy and good fruits,"³ and that their splendid buildings are temples devoted to the service of Mammon,⁴ from whose altars no sacrifices of thanksgiving⁵ ascend to the Most High, and at whose gates the poor and the needy stand and plead in vain.⁶

As for those public companies that have performed all their moral and religious duties, and have obtained all the promised prosperity, they have only to indulge in the pleasing duties of gratitude and joy. "Go thy way, eat thy bread with joy, and drink thy wine with a merry heart, for God now accepteth thy works."⁷ "Because the Lord thy God hath blessed thee in all thy increase, and in all the works of thine hands, therefore thou shalt surely rejoice."⁸ "Peace be within thy walls, and prosperity within thy palaces."⁹ It affords pleasure to God¹⁰ and to men¹¹ to see piety and virtue in a state of prosperity.

And let those individuals who from their talents, their wealth, or their position, have the power of influencing the conduct of public companies, recollect they are responsible for the exercise of the influence they possess; and although these companies will cease to exist with the present world, yet individuals will not. And those who from Christian motives may cause the companies with

¹ 1 Tim. v. 10.

² Deut. xxxii. 18.

³ James iii. 17.

⁴ Matt. vi. 24.

⁵ Ps. cxvi. 17.

⁶ Deut. xv. 7; Luke xvi. 21.

⁷ Eccles. ix. 7.

⁸ Deut. xvi. 15.

⁹ Ps. cxxii. 7.

¹⁰ Ps. xxxv. 27.

¹¹ Prov. xi. 10; xxix. 2.

which they are connected to pay higher attention to their moral and religious duties, and who thus shall “turn many to righteousness,”¹ may expect that, after they have served their generation,² according to the will of God, they will be permitted, through Divine grace, to join the COMPANY of angels³, and the spirits of just men made perfect,⁴ whose names are written in the Lamb’s Book of Life.⁴

¶

¹ Dan. xii. 3.

² Acts xiii. 36.

³ Heb. xii. 22, 23.

⁴ Rev. xxi. 27.

SECTION IX.

TEN MINUTES' ADVICE ABOUT KEEPING A BANKER.* ,

"He that hearkeneth unto counsel is wise."—PROVERBS.

1. A **BANKER** is a man who has an open shop with proper counters, clerks, and books, for receiving other people's money in order to keep it safe, and return it upon demand.
2. The building or shop in which this business is carried on, is usually called in London a "Banking-house," but in Scotland, and in the country parts of England, it is called a "Bank." The word "bank" is also employed to denote the partnership or company who carry on the business of banking. Thus we say, the Bank of Scotland, the London and Westminster Bank, the Bank of Messrs. Coutts & Co.
3. When a company of this kind does not consist of more than six partners, it is called a "Private Bank;" but when the company consists of several hundred partners, it is called in Scotland a "Public Bank," and in England a "Joint-stock Bank."
4. A private bank is usually managed by one or more of the partners, and all the partners are styled bankers.

* I published this Section separately, in the year 1839, under the title of "Ten Minutes' Advice to the Middle Class of People about Keeping a Banker. By a Practical Banker."

A public bank is managed by a principal officer, who is usually styled a manager. In England a bank-manager is not commonly called a banker; but in Scotland all managers of banks, and managers of branch^t banks, are called bankers. So mind, when I use the word "banker," you may apply it to either a private banker or to a bank manager, whichever you please, as my observations will be as applicable to one as to the other. A banker is a man who carries on the business of banking; and whether he carries it on upon his own account, or as the agent of a public company, it appears to me to make no difference as to his claims to be called a banker.

5. It is the business of all these banks to receive other people's money, and to return it upon demand. And when any person puts money into one of these banks he is said to open an account with the bank; and when he has thus opened an account, and continues to put in and draw out money, he is said to have a current account, or, in London phraseology, "to keep a banker."

6. In Scotland almost every man has an account of some sort with a bank. The rich man in trade has an account because of the facility of conducting his operations: the rich man out of trade has an account because he gets interest upon his lodgments, and he keeps his money in the bank until he has an opportunity of investing it elsewhere at a better rate of interest. The middle class of people have an account because of the convenience of it, and because they obtain the discount of their bills, and perhaps loans, on giving two sureties, which are called cash credits. The poorer classes lodge their small savings in the bank, because of the security, and because they get interest on the sums which are lodged.

7. But in London the practice of keeping an account with a bank is by no means so common as in Scotland.

The London banks are banks only for the rich. The bankers require that every person opening an account shall always have a sum to his credit; and if the sum thus kept is not what they deem sufficient, they will close the account. Hence the middle class of people in London, have no banker at all, and the poorer class lodge their money in the savings banks, where they get interest, which they would not get from the London banker. It should also be stated that besides keeping a sufficient balance, a party opening an account with a London banker is expected to give a certain sum every year to the clerks. This is called Christmas-money, and the object is merely to enable the banker to pay a less salary to his clerks, at the expense of his customers.

8. But within a few years, public or joint-stock banks have been established in London. These banks, or at least some of them, will allow you to open an account without promising to keep a large balance, or even any balance at all, provided you pay a small sum annually as a commission. This sum is fixed when you open the account, and it is about the same that you would be expected to give as Christmas-money to the clerks of a private bank. Hence people of moderate incomes, and those who can employ the whole of their capital in their business, are now able to keep a banker. These banks, too, give interest on deposits, whether the sums be large or small, as I shall hereafter explain.

9. The first public or joint stock bank established in London was the London and Westminster Bank. This bank is in Lothbury, and it has branch establishments at No. 1, St. James's-square; No. 214, High Holborn; No. 3, Wellington-street, Borough; No. 87, High-street, Whitechapel; and No. 4, Stratford-place, Oxford-street. The success of this bank has led to the formation of several

others. You will observe, that all banks which have branches conduct their business on the same terms at the branches as they do at the central office.

10. Since, then, the Scotch system of banking is established in London, why should not the keeping of a banker be as general in London as in Scotland? I have stated that, under the old system, those chiefly who were denied banking facilities were the middle class of people. Now, these people may be subdivided into two classes—those who are engaged in trade, and those who are not. I shall address myself, in the first place, to the former class.

11. Now, I ask you, why don't you keep a banker? You say you have been in business several years, and have never kept one. Of course, if no banker would take your account you could not do otherwise; but now there are bankers willing to take your account. But you say, you can do without a banker. Of course you can. The question is, not whether by possibility you can do without a banker, but whether you cannot do better with one? But you reply, it would not be worth any banker's while to take your account. That is for his consideration, not for yours. The question for you to decide is, not whether your keeping a banker would be of use to him, but whether it would be of use to yourself. I shall point out to you some of the advantages.

12. In the first place, by keeping a banker, your money will be lodged in a place of security. You have now 50*l.* or 100*l.*, or perhaps sometimes 200*l.* that you keep in your own house; you take it up into your bedroom at night, and when you go out on Sunday you carry it in your pocket. Now you may lose this money out of your pocket—the till may be robbed by your servants—or your house may be broken open by thieves—or your premises may take fire and the money may be burnt. But even

should you escape LOSS, you cannot escape ANXIETY. When you have a little more money than usual, you have fears and apprehensions lest some accident should occur. Now you will avoid all this trouble by keeping a banker.

13. The banker will not only take care of your money, but also of any thing else you commit to his charge. You can get a small tin box with your name painted on it, and into this box you can put your will, the lease of your house, policies of insurances, and any deeds or other documents that require particular care. You can send this box to your banker, who will take care of it for you; and you can have it back whenever you like, and as often as you like. If your premises are insured, it is clearly improper to keep the policy on the premises: for if the house be burnt the policy will be burnt too; and where then is your evidence of claim upon the insurance office?

14. Another advantage is the saving of time. When you receive money you will send it in a lump to the bank; and when you pay away money you will draw cheques upon the bank. Now to draw a cheque takes up much less time than counting out the money that you have to pay, and perhaps sending out for change because you have not the exact sum. Besides, you sometimes hold bills which, when due, you have to send for payment; now you can lodge these with your banker, who will present them for you. And when you accept bills, you will make them payable at your banker's, instead of making them payable at your own house. Now in all these cases there is a great saving of time; and, besides, your bills, from being made payable at a bank, will be considered more respectable.

15. Another advantage of keeping a banker is, that it will be a check upon your accounts. I need not speak to you, as a trader, of the importance of correct accounts.

Your banker's book will be an authentic record of your cash transactions. If you make a mistake in your trade books, the banker's book will often lead to a detection of the error. If you have paid a sum of money, and the party denies having received it, you can refer to your banker's account, and produce your cheque, which is as good as a receipt. By means of a banker's account, you could trace your receipts and payments, even after a number of years had elapsed; and hence disputed accounts could be readily adjusted, and error, arising from forgetfulness or oversight, be speedily rectified.

16. I could mention several other reasons why you should keep a banker.* But what I have said will be enough to induce you to make a trial; and when you have once opened an account, you will find so much convenience from it, that you will require no farther reasons to induce you to continue it. If it should not answer your expectations, you can, whenever you please, close it again.

17. Now then, as you have made up your mind to keep a banker, the next thing is to determine at what bank you will open your account. On this point I must leave you to make your own choice. All the PUBLIC BANKS issue prospectuses, containing a list of their directors, the amount of their paid-up capital, the names of the bankers who superintend their respective establishments, and their rules for transacting business. You can get a prospectus from each bank, compare them together, and please your own fancy. But if you have no other grounds for pre-

* The reasons assigned here have a reference chiefly to London banking. The operations of country banking are familiarly described in "The Anatomy and Philosophy of Banking; or, the true Character and Value of Banks briefly explained to the Middle Classes of Society. By James Strachan." (Groombridge.)

ference, I advise you to open your account with the BANK or BRANCH BANK that is NEAREST TO YOUR OWN PLACE OF BUSINESS. You will often have to go or send to the bank, and if it be a great way off, much time will be lost, and you will at times be induced to forego some of the advantages of keeping a banker rather than send to so great a distance. On this account, let your banker be your neighbour. Recollect, time is money.

18. There is no difficulty in opening an account. You will enter the bank, and ask for the manager. Explain to him what you want to do. He will give you every information you may require, and you will receive, without charge, a small account book, called a Pass-book, and a book of cheques. I advise you to keep these two books, when not in use, under your own lock and key.

19. You now require no farther advice from me, as your banker will give you the most ample information respecting the way of conducting your account. Nevertheless, I may mention a point or two for your own government:—Do not depend entirely upon your banker's Pass-book, but keep also an account in a book of your own. Debit your banker with all cash you may pay into the bank, and credit him for all the cheques you may draw at the time you draw them. Send your Pass-book frequently to be made up at the bank, and when it returns, always compare it with your account-book. This will correct any mistake in the Pass-book. Besides, some of your cheques may not be presented for payment until several days after they are drawn, and if, in the meantime, you take the balance of the banker's Pass-book, you will seem to have more ready cash than you actually possess, and this may lead you into unpleasant mistakes.

20. When you lodge any money at the bank, always place the total amount of the cash and your name, at full

A PRACTICAL TREATISE

length, upon the outside of the parcel, or on a slip of paper. The cashier will then see at once if he agrees with your amount. This will save time, and prevent mistakes.

21. Be always open and straightforward with your banker. Do not represent yourself to be a richer man than you are ; do not discount with your banker any bills that are not likely to be PUNCTUALLY paid when due ; and, should any be unpaid and returned to you, pay them yourself IMMEDIATELY. Do not attempt to OVERDRAW your account ; that is, do not draw cheques upon your banker for more money than you have in his hands, without first asking his consent ; and if you make him any promises, be sure that they be strictly performed. If you fail ONCE, the banker will hesitate before he trusts you again.

22. Should you be dissatisfied with anything connected with your account, make your complaint to the BANKER himself, and not to the clerks. Let all your communications be made in PERSON, rather than by LETTER. But do not stay long at one interview. Make no observations about the weather or the news of the day. Proceed at once to the business you are come about, and when it is settled retire. This will save your banker's time, and give him a favourable impression of your character as a man of business.

23. If you are in partnership, besides opening an account with your banker in the names of the firm, you should open a private account for yourself, that your personal affairs may be kept separate from those of the partnership. Or if you are in an extensive way of business, and have a large family, it is advisable that you open a separate account with your banker, in the name of your wife, that your trade payments and your household expenses may not be mixed up together in the same

account. This is a good way of ascertaining the exact amount of your family expenditure.

24. If you are appointed executor or assignee to an estate, or become treasurer to a public institution or charitable society, open a separate account with your banker for this office, and do not mix other people's moneys with your own. This will prevent mistakes and confusion in your accounts. These separate accounts may be kept still more distinct by being opened with another banker, or at another branch of the same bank.

25. There are a good many of the middle class of people who are not in trade, and I must now address them. Perhaps you are a clergyman, or a medical man, or you are in a public office, or are living on your rents or dividends. At all events, whatever you may be, I conclude you are not living beyond your means. If you are, I have not a word to say to you about keeping a banker; you will soon, most likely, be within the keeping of a gaoler.

26. Several of the reasons I have given to the trader will also apply to you; but there is one that applies with much greater force—the tendency to ensure accurate accounts. As you are not a man of business, I shall not advise you to keep an account of your receipts and your expenditure. I know you will do no such thing. Should you ever commence to do so, you will get tired before the end of the year, and throw the book aside. Now, if you keep a banker, he will keep your accounts for you; his Pass-book will show you the state of your accounts. All the money you receive you must send to the bank, and all your payments must be made by cheques upon the bank. If you want pocket-money, draw a cheque for 5*l.* or 10*l.*, payable to Cash, but by no means disburse any money but through your banker. Your book will be

balanced every half-year. You will then see the total amount of your receipts during the half-year, and your various payments to the butcher, the baker, the tailor, &c. &c. The names to which the cheques are made payable will show you for what purpose they were given, and you should write these names in a plain hand, that the clerks may copy them correctly in the Pass-book. Now, if you look through your book once every half year in this way, you will probably see occasion to introduce some useful reforms into your domestic expenditure. But if you are too lazy to do this, hand the book to your wife, and she will do it for you.

27. I shall now address another class of people. Perhaps you are a clerk, or a warehouseman, or a shopman, or a domestic servant. Well, you have no occasion to keep a banker; that is, you have no occasion to open a current account. But you have got a little money which you would like to put into a safe place, and upon which you would like to receive interest. Well, now, listen to me.

28. If the sum be under 10*l.*, or if the sum be above 10*l.*, and you are not likely to want it soon, put it into the savings bank; you will receive interest for it at the rate of about 3*l.* for every 100*l.* for a year. But mind, you can only put money into the savings bank at certain hours in the week, when the bank is open, and you cannot put in more than 30*l.* in any one year, nor more than 150*l.* altogether, and you will receive no interest for the fractional parts of a month, and you cannot draw out any money without giving notice beforehand.

29. If, then, your money is more than 10*l.*, and you have already lodged 30*l.* this year in the savings bank, or 150*l.* altogether, or if you will have occasion to draw out your money without giving notice, then lodge it in one of the public banks. These banks are open every week-day

from nine o'clock in the morning till four in the evening ; they will take lodgments of money to any amount, and interest will be allowed from the day it is lodged until the day it is drawn out ; and if the sum is under 1,000*l.* no notice is required. For all sums lodged on interest the bankers give receipts called deposit receipts.

30. When you go to the bank to lodge upon interest any sum under 1,000*l.*, you need not inquire for the manager. Hand your money to any clerk you may see standing inside the counter, and ask for a deposit receipt. You will be requested (the first time you go) to write your name and address in a book which is kept for that purpose, and then the deposit receipt will be given to you without any delay.

31. Mind, this deposit receipt is not transferable ; that is, you cannot lend it or give it to anybody else. When you want the money, you must take it yourself to the bank, and ask the cashier to pay you the amount. You will then be requested to write your name on the back of the deposit receipt ; the cashier will see that the signature corresponds with the signature you wrote in the book when you lodged the money, and will then pay you the amount, and keep the receipt.

32. Although you cannot lodge upon a deposit receipt a less sum in the first instance than 10*l.*, yet, having lodged that sum, you can make any additions to it you please. Thus, if you wish to lodge 5*l.* more, you can take your 5*l.* note and your deposit receipt for 10*l.* to the bank, and get a new receipt for 15*l.* If, after having lodged 10*l.*, you wish to lodge 10*l.* more, you can get a separate receipt for the second 10*l.*, or have a new receipt for 20*l.*, whichever you please ; and, observe, whenever any addition is made to a former receipt, the old receipt is cancelled, and the interest due upon it is either paid to

you in money, or added to the amount of the new receipt, as may be most agreeable to yourself.

33. The interest allowed you by the bank will at present be at the rate of 2 per cent.; that is to say, after the rate of $2l.$ upon every $100l.$ for a year.

34. Upon sums above $1,000l.$ the interest allowed is sometimes more and sometimes less than 2 per cent., according to the value of money; that is, according to the rate at which the bankers can employ it again, and a few days' notice is usually required before the money is withdrawn; but, upon sums under $1,000l.$, the rate of interest varies less frequently, and they are always repayable upon demand.

35. You will be surprised to find how the desire of lodging money in a bank will grow upon you. When you had the money in your pocket, you were anxious to find reasons for spending it. When you have placed it in the bank, you will be anxious to find reasons for not spending it. All habits are formed or strengthened by repeated acts. The more money you lodge in the bank, the more you will desire to lodge. You will go on making additions, until, at last, you will probably have acquired a sum that shall lay the foundation of your advance to a higher station in society.

SECTION X.

INDEX-READING.

• THIS book is now brought to a close. Our aim has been to put into it such matters as shall be practically useful. We have endeavoured to render it more useful by making an Index. We shall now point out the uses of this index.

By means of an index we can refer to any thing that we remember to have read. This facility of reference is a great advantage. Without it we may have to make a long search, and to read over a good many pages, before we find the page we want. An index is also useful in enabling us to call to mind those parts of a book that we have forgotten. After having read through a book, if we read through the index we shall be reminded of parts that would otherwise have escaped our recollection. And if we continue an occasional perusal of the index, we shall impress the whole substance of the book on our memory. An index will often bring together those parts of a book in which the same subject is discussed, and thus we shall obtain a fuller knowledge of the subject in all its bearings and relations than we should obtain by our reading without the index. An index may be employed as a means of self-examination. If the index does not suggest

to the mind of a party the main ideas to which it refers, he must have read the book very inattentively, and he has yet more to learn respecting the subjects discussed. The index will thus be a test of his attainments. To render the index more useful in this respect, I have made some of the references in an interrogative form. The index may thus be made to serve the purpose of a catechism. I advise the young student in practical banking to endeavour to answer these questions without referring to the book, and to answer them *aloud*. By this means he will impress the matter more deeply on his mind, and at the same time acquire a facility of expression.

An index may be rendered useful, not to those only who have read the book, but to those who have not read it, and who never will read it. The index contains a syllabus of the work. Under a single word is sometimes placed a summary of the facts and principles of a whole section. We may thus become acquainted with the substance of a book in a short space of time. It is true that in this *railway* mode of obtaining knowledge we must forego any gratification that might arise from the style or the illustrations. But the exercise would be profitable. In this way reviewers and others are able to acquire a good knowledge of a book, and to form a fair opinion of its merits, without reading many pages consecutively. But without an index this cannot be done, either so well or so rapidly. Intelligent men do not wish to read through a large book on a subject with which they are pretty well acquainted. They desire to refer to those points only on which their own information may be deficient, or on which they would desire to know the sentiments of the author. This they can easily do by means of an index. Men in business, too, must husband their time, and they can afford to read only those parts of a book

which they deem the most interesting. They may be guided to those parts by means of an index.

There are certain states of body and of mind in which a man is not disposed for continuous reading. At such a time it is refreshing to saunter over an index. Some word may catch the eye, or some new idea be excited in the mind, and the faculties may be at once enlivened and invigorated. In this kind of intellectual loitering we may perchance pick up in our path a flower or a pebble that shall awaken the spirit of inquiry, set in motion our powers of investigation, and lead the mind into a course of agreeable and profitable meditation.

APPENDIX.

No. I.

SINCE we sent to press the list of joint-stock banks that have ceased to exist, (pages 530—532,) we have met with a Parliamentary “Return of the Joint-stock Banks which have been established under the provision of the Act , 7 Geo. IV. c. 46, stating the period when, and the place where, established, and likewise the dates at which any such banks, once established, had ceased to exist.” Besides those we have mentioned, this list contains the following :—

<i>Name of the Bank.</i>	<i>The Period when Established.</i>	<i>The Places where Established.</i>	<i>Date of Ceasing.</i>
1. Bank of South Wales . . .	Feb. 26, 1835	Carmarthen	{ Last licence Oct. 1836.
2. Bristol Old Bank . . .	Junc 16, 1826	Bristol . “.	{ Last licence Oct. 1840.
3. Bury & Heywood Bank- }	Sept. 17, 1836	Bury & Hey- wood	{ Last and only return Sept. 1836.
4. Central Bank of Liver- }	Dec. 3, 1836	Liverpool	{ Last return April, 1839.
5. Gloucester County & }	Dec. 31, 1834	Gloucester	{ Last return June, 1836.
6. Holywell Bank, North }	Nov. 11, 1834	Holywell &	{ Last licence Mold Oct. 1835.
7. Leicestershire & War- }	Sept. 14, 1840	Hinckley	{ Last licence Oct. 1840.
wickshire Joint - stock }			
Banking Company			
8. Leith Banking Company	Nov. 23, 1837	Carlisle	{ Last licence Oct. 1836.
9. Nantwich & South Che- }	July 25, 1839	Nantwich	
shire Bank			

No. 1 is the private bank of Messrs. Watkins & Co. The number of partners exceeding six, the firm was registered as a joint-stock bank. The number has been reduced by death, and therefore the registry is no longer required. The head office is at Brecon. No. 2. This is the private bank of Messrs. Elton, Baillie & Co., who having eight partners, registered as a joint-stock bank. Three of the partners have since died, so that the number is reduced to five. Since the year 1844 they have discontinued the issue of their own notes. No. 3. This bank was in existence only a few months. No. 4. This was a small, ill-regulated bank, that brought itself to a close. No. 5. This bank was formed by Mr. Charles Cripps, who had been the agent of the Bank of England branch at Gloucester. It existed for a short time, and then became a branch of the County of Gloucester Bank. No. 6. This bank had seven partners. It is presumed to have been the private bank of Messrs. Douglas, Swalley & Co., who stopped payment in the year 1839. No. 7. This bank was formed on the private bank of Messrs. Heming & Needham, at Hinckley. It continued only a very short time. No. 8. The Leith Banking Company had a branch at Carlisle, and consequently registered as an English bank. No. 9. This was a small, but respectable bank, that transferred its business, on the 1st of January, 1845, to the Manchester & Liverpool District Bank.

No. II.

The Prospectus of the Union Bank of London, which should have followed page 480, was by some accident omitted; I therefore place it here:—

UNION BANK OF LONDON.

Capital 3,000,000*l.* in Shares of 50*l.* each.

DIRECTORS.

Sir Peter Laurie, Alderman, *Governor.*William Mountford Nurse, Esq. *Deputy Governor.*

George Webster, Esq.

Charles Lyall, Esq.

John Barnes, Esq.

John Chapman, Esq.

J. W. Sutherland, Esq.

Henry Hulbert, Esq.

James Farquhar, Esq.

Archibald Boyd, Esq.

Peter Laurie, Esq.

Lieut.-Col. Matheson, M.P.

John Connell, Esq.

John Scott, Esq.

Principal Office.—2, Princes-street, Mansion-house.William Wilson Scrimgeour, *General Manager.**Regent-street Branch Office.*—Argyll-place; Henry T. Clack, *Manager.**Charing Cross Branch Office.*—4, Pall-mall, East; Alexander Wight, *Manager.**Secretary.*—Walter Laurie.

The capital of the bank is 3,000,000*l.* sterling, in 60,000 shares of 50*l.* each; 42,290 of these shares (on each of which 10*l.* has been paid, making the paid-up capital 422,900*l.*) are held by nearly 600 proprietors, whose names are published periodically.

TERMS.

Current Accounts.—Parties keeping current or drawing accounts will be credited on the first day of every month with a month's interest, at the rate of 2 per cent. per annum, on the smallest balance at the credit of their account at the close of business on any day during the past month, provided that such balance shall not be less than 100*l.* The total amount of interest will be passed to account every six months.

Deposit Accounts.—The rate of interest at present allowed on money placed on deposit at ten days' notice, is 2*l.* per cent., but which will rise or fall, *pro rata*, with the Bank of England rate of discount for first-class bills, being always one per cent. under that rate. The maximum not to exceed 5 per cent. Receipts for the sums so deposited will be granted to the parties; or, for the convenience of depositors going abroad, bills or promissory notes, at not less than six months' date, including interest till maturity, will be issued.

GENERAL BUSINESS.

The agency of country and foreign banks, whether joint-stock or private.

Circular notes and letters of credit issued for all parts of the continent of Europe and elsewhere.

Purchases and sales effected in all the British and foreign stocks and securities, and the dividends received without charge.

The half-pay, &c. of officers, being customers, also received without charge.

W. W. SCRIMGEOUR, *General Manager.*

The following paragraphs were also omitted :—

To the statement of the affairs of the bank at page 313, add the following note :—

Those joint-stock banks that have branches make out a similar statement every week. It comprises the balances of the General Ledger at the head-office, and of that of each branch. The balance-sheets are printed, and are bound together beforehand, so as to form a book; it is called the Statement Book, and is laid before the directors at their weekly meetings.

Add the following to the end of the section at page 332 :—

A balance-sheet of the affairs of a commercial house is made out in much the same way as that of a bank. The liabilities are placed on one side of the account, and the assets on the other. The items of which each side is composed will vary according to the nature and extent of the business. Many commercial balance-sheets have unfortunately been recently brought under the notice of the public; most of them, as well as the annual balance-sheets of some of the joint-stock banks, may be found in pages of the *Bankers' Magazine*.

No. III.

The Bank of France.

The following evidence was given by the late Lord Ashburton, before the Committee of the House of Lords on Commercial Distress in 1848 :—

" Have you any statement which you are desirous of making to the committee of information received by you relative to the proceedings of the Bank of France ?

" Having observed that the committee were desirous of knowing something about the construction of the direction of the Bank of France, and of the conduct of that bank with respect to the several circumstances which have been matters of inquiry here connected with the Bank of England, I took the opportunity of making inquiry of a gentleman who was in London about ten days ago, who was a director of the Bank of France, and who would readily have come and given evidence himself if he had not been under the necessity of immediately returning to his own country. The inquiry I made of that gentleman related, first of all, to the construction of the direction of the Bank of France, and to what extent that direction was considered to work well. Then I made inquiry upon some of the points more immediately connected with the subject of our inquiries, namely, the conduct of the Bank of France with respect to its discounts, with respect to the charge of interest, and with respect to any limitation or regulation that may be put upon the operations of the bank analogous to those which are imposed upon the transactions of our own bank. I will first of all state to the committee the facts with respect to the construction of the bank direction. The Bank of France, as probably most of your lordships know, has existed since 1803 ; it was established quite at the beginning of the power of Napoleon, and is constituted to this day under the same administration ; and I think it may be stated, that, under all the different variations of government, and the difficulties through which that country has passed, the management of the bank has been singularly successful and fortunate. There has been at no time any suspension of

its payments or any material difficulties of any kind ; and it seems to have answered perfectly well the object for which that bank, like our own, was instituted, namely, as a bank to give proper facilities to the circulation and commerce of the country, and at the same time to be the bankers of the Government, and to give every proper and legitimate facility to the operations of the Government. The direction is formed in this manner : There is, first of all, a governor, who has a house and 60,000 francs a-year. There are then two sub-governors, each with 30,000 francs a-year. The governor and sub-governors are both named by the Government, and, it is understood, removable by the Government, but in point of fact they never are removed. The present governor, Monsieur D'Argout, is the third governor of the Bank of France in forty-five years ; so that it has been generally considered that, though legally removable by the Government, practically they have not been removed. Then, besides this governor and two sub-governors, there are three receivers-general. Your lordships are probably aware what the position of receivers-general is in the financial economy of France. Those three receivers-general are selected by the proprietors out of the class of the receivers-general ; but the receivers-general are naturally more or less connected with the Government and finance department of the country. There are then three censors, who are to be elected from the 'Etat Industriel' of Paris,—what we should call the manufacturers of Paris. It is so regulated by the charter that they must be taken from that class of persons ; but although they are called censors, I do not find that they have to perform any duty in the direction but the same which is performed by the other directors. Then in addition to those there are twelve ordinary directors, elected in the way in which our bank directors are elected.

" Are the directors generally paid ?

" None of them are paid but the governor and the two sub-governors, except that there is, I think, ten francs paid upon each attendance, merely for the purpose of marking the attendance of persons to their duty, but no amount of payment that can be of any importance. The twelve directors are taken from the body of merchants, bankers, and leading persons at Paris, at the discretion of the stockholders. That is the constitution of the Bank of France. Upon making inquiry of the gentleman I have mentioned as to the system of management, he told me that the real detail of the management of the bank is mainly with the two sub-governors. They are stated to be very able men, thoroughly acquainted with all the circumstances of Paris, and all the persons likely to come to the bank for business. And, in short, upon them seems to devolve mainly the duty of attending to the details of the management of the bank ; and the directors themselves seem to be more checks upon those sub-governors than to be themselves the managers of the bank. At the same time the directors have the power, which the directors of our bank have, to vote and to decide upon any measures that are before them. This gentleman stated to me that he considers the system to work well ; that there is no complaint of it. He does not find that the governor and sub-governors pursue any interests of the Government as against those of the bank and of trade, and the power which they have with the directors is a sufficient check ; in short, that they have nothing material to complain of in the administration. So much for the direction of the bank. Then I proceeded to inquire upon several points relating to the management of the affairs of the bank ; and first as to the charge of interest. The legal interest in France is 6 per cent. for monied secu-

rities, and 5 per cent. for land. It is limited, as the interest of this country is limited, to 5 per cent. for mortgages upon land, and 6 per cent. is the maximum of legal interest for any purpose. The transactions of the Bank of France may be said to have varied very little indeed from the limits of 4 to 5 per cent.; they never exceed 5, and they have hardly ever been under 4. Under all circumstances, they have kept that equable rate of interest for their discounts and for their general transactions. I should state that the discounts of commercial paper by the Bank of France, so far from being insignificant, as has been intimated, are in reality very large. I take it that upon the average of years the discount of commercial paper by the Bank of France is larger than the discount of commercial paper by the Bank of England. They make no distinction between any qualities of paper; all paper is done at the same rate; but they rather favour what they call the paper connected with the common trade of the place. Therefore a much larger portion of their discounts is in small bills in the regular trade of the place, upon which this gentleman says the loss was very insignificant indeed; that paper usually having three signatures upon it, and being founded upon real business, is very seldom attended with any loss. What I have stated with respect to the interest that the Bank of France charge is in answer to a further question which I put, whether they regulated the amount of their discounts at all by demanding a higher rate of interest, as our bank has done of late years. He says they have not done that on any occasion; that the rate has remained, as I have stated, uniform,—between 4 and 5 per cent.,—and they never attempt to lessen the applications by asking a larger rate of interest.

“ Have they any legal minimum of interest ?

"No; they have no legal minimum of interest; but when the interest comes down very low they consider that a symptom that bank accommodation is not required.

"Though they do not alter the rate of interest, do not they vary from time to time the rules with respect to the échéance of bills?

"That I cannot state. Then he stated further that he has ~~no~~ recollection at any time of their refusing the common trade bills of the country. If they want to regulate the state of their affairs they do it by increasing or diminishing what they may hold of public securities, but they never reduce or materially vary their transactions with the merchants of the country.

"Then in what sense may they be said to favour one particular description of paper? You said that they rather favoured one sort of paper. In what way do they favour it?

"They favour the paper of what I should call legitimate business,—paper connected with the real ordinary trade of the country,—in preference to the bills of stock-jobbers or large speculators.

"Then in order to give effect to that distinction they must reject paper in some cases?

"Undoubtedly; but it is the paper of ordinary trade that they never reject.

"Have they any rule as to the length of bills?

"I cannot state what their rules are in this respect. Then I have only lastly to state that there is no limitation as to their issues by law, nor is there any regulated limitation among themselves other than what arises from their own discretion from day to day as they come to manage their affairs.

"In the exercise of their discretion has not the fact been that the amount of bullion kept by the Bank of France has been very large?

" Yes ; generally speaking, I believe it has. This gentleman stated to me that they have never at any time been under any apprehension as to their ability to pay their notes, though undoubtedly we, looking at the returns, should think that their condition was rather questionable.

" You cannot state what proportion the amount of bullion in their hands has generally borne to the number of notes they have issued ?

" I am not able to answer that myself; but a return is regularly made ; it is very easy to know that.

" Do you know in point of fact that though it is called the Bank of France, their notes were not current throughout the whole of France ?

" Yes ; their circulation is very much confined to Paris ; but at the same time, nine-tenths of the business of France, like the business in our own country, is done by bills upon Paris, and Paris really is the heart of the whole circulation. I have only further to state, that of late years they have had branch banks, as our bank has had ; but this gentleman says the directory did not think favourably of the working of those branch banks ; he thought that they had not been profitable to them, and that they had rather disturbed their circulation.

" During the greater part of the time to which your observations have applied has not the law confined them to a minimum note of 500 francs ?

" Yes ; it is only lately that they have come to notes of 100 francs.

" Did he state what amount of securities they have generally held ; what we should call Government securities ?

" That is stated in the returns which are periodically published.

" Supposing that the natural value of money in France

was 6 per cent., and that the ordinary market rate of interest was 6 per cent., does your information enable you to state to the committee what the Bank of France would do in order to answer the demands which must be made upon it if it maintained its own rate of discount at between 4 and 5 per cent.?

" I should think that if the Bank of France limited their interest to 5 per cent. they would, except under very extraordinary circumstances, guide and regulate the general interest of the place, and that under those circumstances they would do the whole of the real commercial paper that is presented. What is more singular, the banks in America never go beyond the legal interest. None of the banks in America discount at a higher interest than 6 per cent., although the market rate of interest in that country is very often 10, 15, and 18 per cent.

" What check do they apply? If they do not impose a restriction by raising the rate of interest, must not they impose some other restriction, either in the date of the bills or in the securities?

" No, it does not necessarily follow; because those variations in the interest do not materially alter the real business connected with drafts from Lyons and Havre and other places, and the paper connected with the real business of the country. If Mr. Rothschild or any great person were to send them in a mass of paper, for the purpose of taking advantage of the rate of interest, they would not do it for him. When I say they do all the paper sent in, I should explain that they distinctly make that condition, that it shall be paper resulting from the real trade of the country, and that seldom materially varies.

" What is the nature of their relation with the Government? Do they receive the Government deposits and securities?

" It is as nearly as possible the same as that of our Bank of England.

" Do they pay the dividends on the French rentes ?

" No ; they have nothing to do with the dividends.

" They are not liable to be called upon by the Government to advance money for that particular purpose ?

" Yes ; if the Government want assistance they stand exactly in that respect in the same relation that our bank do to our Government.

" Does their charter require them to make advances of that kind when demanded, or is it optional ?

" It is optional.

" They may act just as they do with the general trade of the country ?

" Yes. They stand in exactly the same relation to the Government as the Bank of England does, except that they have nothing to do with the payment of the dividends; but they hold the deposits of the Government, and in fact are the bankers of the Government.

" Is it optional with them to pay their notes in gold or in silver *ad libitum* ?

" It is optional to pay either in gold or in silver, but of course they pay only in silver at present; there is a premium at present upon gold of about 8 per cent., which has not been known for a long time.

" What has been the lowest denomination of note that they issue ?

" I think it is now 100 francs.

" What is it in ordinary circumstances ?

" Until lately there were no notes under 500 francs.

" Will you explain a little more fully the statement you made as to the amount of discounts afforded by the Bank of France being larger than that afforded by the Bank of

England, because the transactions of the two institutions certainly are not equal?

" If we look back to the returns we see for a long time about the same amount of discounts of bills by the Bank of England—2,800,000*l.*, 2,700,000*l.*, 2,800,000*l.*, 2,900,000*l.* and so on. If you take the average of the last ten years, I think you will find the discounted bills larger in amount in Paris than here.

" Have the Government any power, not merely of supervising the acts of the bank, but of compelling them to adopt any steps that they may think fit?

" No; they have not. The bank are perfectly independent, and that independence has been respected even under Napoleon's government.

" With respect to those persons called censors, what are their functions in the bank? Are they chosen by the bank proprietors?

" They are chosen from among the manufacturers of Paris. It was intended to provide that there should be three at least of the class of manufacturers of Paris in the direction, and three of the receivers-general.

" Are the receivers-general official members?

" I am not quite sure whether the receivers-general were named by the crown, or whether they were elected by the stockholders from the general body.

" They are the receivers-general of taxes?

" They are; there is a receiver in each department."

THE CONDITION OF THE BANK OF FRANCE ON THE 7TH OF JUNE, 1849.

ON BANKING.

757

DEBTOR.	C.	Frs.	C.	C.	Frs.	C.
Capital of the Bank	0	67,900,000	0	Cash in hand	•	•
Ditto of the ex-Departmental Banks	0	23,350,000	0	Ditto in the Branch Banks	•	•
Reserve of the Bank	0	10,000,000	0	Commercial Bills, over due	•	•
Ditto of the ex-Departmental Banks	0	2,950,750	0	Commercial Bills Discounted, but not yet due, of which	14,556,72f.	were received from the Branch Banks
Reserve of the Bank in Landied Property	0	4,000,000	0	14,556,72f.	47,650,034	90
Bank Notes in Circulation	0	362,574,900	0	Ditto in the Branch Banks	•	78,395,013
Ditto of the Branch Banks	0	29,221,600	0	Advanced on a Deposit of Bullion	•	56
Bills Notes to Order	75	920,941	75	Ditto by the Branch Banks	•	10,700,400
Treasury Account Current Creditor	45	23,591,142	45	Advanced on French Public Securities	•	0
Sundry Accounts Current	54	109,732,124	54	Ditto by the Branch Banks	•	25,064,517
Ditto in the Branch Banks	0	29,467,205	0	Advanced by the State on Treasury Bonds of the Republic	•	405
Receipts Payable at Sight	0	3,955,300	0	Advanced by the State on the Loan of 150,000,000f.	•	0
Ditto in the Branch Banks	0	1,212,782	0	Loan of 10,000,000f. to the city of Paris	•	0
Draughts of the Branch Banks payable by the Bank	61	6,755,395	61	Loan of 3,000,000f. to the city of Marseilles	•	0
Ditto of the Bank payable by the Branch Banks	0	4,637,068	0	Loan to the Department of the Seine	•	0
Dividends Payable	25	203,309	25	Government Stock reserved	•	0
Liquidation of the Algiers Branch Bank	44	137,932	44	Ditto disposable	•	0
Sundry Discounts anticipated	69	3,554,784	69	Vested in Public Securities by the New Branch Banks	•	12,779,541
Ditto of the Branch Banks	0	1,991,956	0	Hot and Furniture of the Bank	•	30
Re-discounted during the last half-year	85	246,109	85	Landed Property of the Branch Banks	•	4,000,000
Ditto in the Branch Banks	0	430,161	0	Interest in the National Discount Office	•	0
Sundries	86	412,855	86	Ditto of the Branch Banks	•	2,284,653
				Commercial Bills protested, and not yet honoured	•	200,000
				Ditto in the Branch Banks	•	200,000
				Expenses of the Management of the Bank	•	0
				Ditto of the Branch Banks	•	486,871
				Sundries	•	924,538
						95
						687,449,397
						84

No. IV.

A Law relating to Banking in New York.

The following "Act, to amend an Act entitled 'An Act to Abolish the Office of Bank Commissioner, and for other Purposes, passed April 18th, 1843,'" passed the Legislature of New York, December 4th, 1847 :—

The people of the State of New York, represented in Senate and Assembly, do enact as follows :

§ 1. The third section of the Act entitled "An Act to Abolish the Office of Bank Commissioner, and for other Purposes," passed April 18th, 1843, is hereby amended, so as to read as follows :

It shall be the duty of the comptroller, secretary of state, and treasurer, on or before the first Tuesday of January, April, July, and October in each year, to fix upon and determine some Saturday in the quarter of the year then ended, in respect to which every incorporated bank, banking association, and individual banker in the State, shall make a report of the character hereinafter specified. Immediately after each determination of such Saturday, the officers hereinbefore named shall cause notice thereof to be published daily, for six successive days, in such newspaper published in the city of Albany as shall for the time being have the publication of legal notices, under the Act entitled "An Act to Provide for the Public Printing," passed March 5th, 1846, or shall serve a copy of such notice upon each incorporated bank, banking association, or individual banker in the State, by delivering the same to some officer or clerk thereof, at their respective places of business, or by depositing the same in the post-office, directed to each of such banks, banking association, and individual bankers, or some officer thereof, at their places of business respectively.

It shall be the duty of every incorporated bank, banking association, or individual banker in the State, on or before the first day of February, May, August, and November, of each year, to make and transmit to the comptroller a quarterly report, which report shall be made on the oath of the president and cashier, and shall contain a true statement of the condition of the bank, banking association, or individual banker making such report, before the transaction of any business, on the morning of the day specified in the notice of the comptroller, secretary of state, and treasurer, next preceding the date of such report, in respect to the following items and particulars; to wit:—

Loans and discounts, overdrafts, due from banks, due from directors of the banks or banking associations making the report; due from brokers, real estate, specie, cash items, stocks and promissory notes, bills of solvent banks, bills of suspended banks, loss and suspense account, capital, circulation, (distinguishing that received from the comptroller from the old outstanding bills,) profits, amount due to banks, amount due to individuals and corporations other than banks, amount due to the treasurer of the State, amount due to the commissioners of canal fund, amount due to depositors on demand, amount due not included under either of the above heads. And it shall be the duty of the comptroller to publish such reports together in the newspapers printed in the city of Albany, in this section before named, accompanied with a summary of the items of capital, circulation and deposits, specie and cash items, public securities and private securities; and the separate report of each bank, banking association, and individual banker, shall be published in a newspaper published in the county; if a newspaper is published in the city or town in which any bank is

situated, such publication shall be had in such papers in which such bank, or banking association, or banking-house of such individual banker shall be situated, at the expense of such bank, or banking association; or individual banker.

§ 2. Section four of the Act in the first section of this Act referred to, is hereby amended so as to read as follows; to wit:—

The comptroller shall publish the reports and summary required by the third section of this Act, together in one paper, on or before the 25th day of August, November, February, and May, in each year; and the expense of such publication shall be defrayed by a percentage assessed upon the capital stock of all the banks, and banking associations, and individual bankers "doing business under the "Act to Authorize the Business of Banking," passed April 18th, 1838, or of any Act amending the same in the State; and if any such bank, banking association, or individual banker shall fail to furnish to the comptroller its quarterly report in time for such publication, it shall forfeit and pay to the comptroller the sum of one hundred dollars, to be applied by him to the expense of publishing the quarterly reports. And if any bank, banking association, or individual banker, shall neglect or refuse to make the quarterly report required by the third section of this Act, for two successive quarters, it shall forfeit its charter (if an incorporated bank), and its privileges as a banking association or individual banker, if organized or doing business under the Act of April 18th, 1838, in this section before referred to; and every such bank, banking association, and individual banker may be proceeded against, and its affairs closed, in any manner now required by law in case of an insolvent bank or banking association.

§ 3. Whenever, in the opinion of the comptroller, there shall be good cause to report that any bank, banking association, or individual banker, has made an incorrect or imperfect quarterly return, or is in an unsound or unsafe condition to do banking business, it shall be his duty to have the books, papers, and affairs of such banks, banking associations, or individual banker, examined by some competent person, to be designated by him, who shall examine fully into his books, papers, and affairs, forthwith, and report to the comptroller, on oath, the result of such examination ; a copy of which report shall be forthwith published, in the manner prescribed in the first and second sections of this Act, in respect to the publication of quarterly returns. The reasonable costs and expenses of every examination shall be defrayed in the manner prescribed in the second section of this Act for paying the expenses of publishing quarterly returns.

§ 4. All individual bankers, and all banking associations, which are now or shall be hereafter engaged in the business of banking, under the provisions of the Act entitled "An Act to Authorize the Business of Banking," shall be subject to taxation on the full amount of capital actually paid in, or secured to be paid in, as such capital, by them severally, at the actual market value of such securities, to be estimated by the comptroller, without any reduction for the debts of such individual banker, or banking association ; but in no case shall the capital of any such banking association, or individual banker, be estimated at a less sum than the amount of circulating notes delivered to such banking association, or individual banker, and not returned to the comptroller ; and, in case the capital of such banking association has been reduced by the surrender of any securities to the stockholders thereof, and the certificates of stock held on account of

such securities being surrendered to such banking association and cancelled, such banking association shall not be subject to taxation upon such part of its capital.

§ 5. Nothing in this Act contained shall apply to any bank or banking association which has reduced its capital stock in violation of the twenty-eighth section of an Act entitled "An Act to Authorize the Business of Banking," passed April 18th, 1838.

The following is a Summary of all the Banks in the United States :*—

	Population 1840.		Capital. <i>Dollars.</i>	Circulation. <i>Dollars.</i>	Specie. <i>Dollars.</i>
New York, Country	2,429,000	144	19,356,000	19,270,000	2,533,000
" City.....	25	21,003,000	6,967,000	6,574,000	658,000
Massachusetts, Country	738,000	83	13,219,000	10,988,000	3,286,000
Boston, City	26	18,863,000	7,208,000	1,800,000	1,800,000
Pennsylvania, Country	1,724,000	34	7,866,000	4,200,000	3,060,000
Philadelphia	14	9,222,000	3,514,000	7,252,000	7,252,000
Louisiana	353,000	6	17,663,000	2,412,000	681,000
South Carolina	595,000	14	11,431,000	2,812,000	325,000
Virginia	1,240,000	36	10,502,000	7,604,000	2,566,000
Rhode Island	109,000	62	11,023,000	1,604,000	325,000
Ohio	1,520,000	48	5,706,000	8,321,000	1,604,000
Maryland, Country	470,000	12	1,927,000	†	†
Baltimore.....	11	6,971,000	1,990,000	1,800,000	1,800,000
Tennessee	830,000	20	8,056,000	3,000,000	†
Connecticut	310,000	33	8,705,000	4,437,000	462,000
Kentucky	780,000	16	7,020,000	5,710,000	2,600,000
Georgia	691,000	20	5,109,000	3,290,000	1,448,000
New Jersey	373,000	25	3,672,000	2,400,000	600,000
North Carolina	753,000	18	3,425,000	3,070,000	1,290,
Maine	501,000	32	2,859,000	2,536,000	260,
Indiana	686,000	13	2,087,000	3,500,000	1,003,000
New Hampshire	285,000	20	1,800,000	1,512,000	144,000
Alabama	590,000	1	1,500,000	2,311,000	1,097,000
Delaware	78,000	8	1,390,000	†	†
District of Columbia	43,000	1	1,338,000	†	†
Missouri	384,000	6	1,201,000	1,920,000	1,554,000
Vermont	292,000	18	1,297,000	1,400,000	296,000
Michigan	212,000	3	660,000	†	†
Wisconsin	31,000	1	222,000	†	†
Total	17,063,000	1753	208,216,000	116,738,000	44,733,000

* We have taken the above account from the Merchants' Magazine, published monthly, by Mr. Freeman Hunt, at New York,—a work that we would strongly recommend to all merchants and bankers. It may be obtained through Mr. Putnam, of Paternoster-row, or any other American bookseller. The price in America is five dollars per annum, payable in advance.

† No returns.

INDEX.

The reader will observe that the same series of numbers denoting the pages is continued through both volumes. The first volume ends at page 402. All higher numbers will of course refer to the second volume.

A.

- Abolition of notes under 5*l.*: in Scotland, 569; in Ireland, 646.
Abundance of money: usually precedes a season of pressure, 96, 105; and follows it, 111.
Acceptance-book: describe it, 299.*
— of a bill of exchange should not be written on the back of the bill, 55.
Acceptor or Acceptor of a bill of exchange: which should we write? 19.*
Accommodation bills: in what cases a party can enforce payment, 67; how are they known? 38, 71.
Account current: what is the difference between an account current and a current account? 300.
— mode of opening one, 282.
Accountant: his books should be a check upon the cash department, 241; his department, 252.
Acts of Parliament quoted: Bank Charter Act of 1832, 407; Bank Charter Act of 1844, 407, 495, 502; Act of 1844 to Regulate Joint-stock Banks in England, 533; Joint-stock Companies Winding-up Act, 1848, 537; Hibernian Bank Act, 637; Act of 1845 for Regulating Banks in Ireland, 641.
Addresses: desirable to indorsements of bills of exchange, 56.
Administration of the office, 232.
Administrative functions in a bank: their distribution, 196; by whom ought they to be exercised? 197.
Advances: different ways in which advances are made by bankers, 3.
— on its own shares, no banking company allowed to do so that is formed under the new Act, 534.
Advice book: describe it, 298.
— journal: describe it, 298.
Age: expectations of life at different ages, 49; of directors, 102; different tables of, 402; at which clerks are admitted into a bank, 238.

- Agreements with the Bank of England: Provisions in the Act of 1844 respecting banks that had formed them, 502; a list of those banks, 503.
Agricultural and Commercial Bank of Ireland, 642; their stoppage, 101; their mode of book-keeping, 215.
Allotment of shares in a new bank, 366.
Almsgiving: kindness to the poor need not always take this form, 705.
Alteration: material, in a bill of exchange vitiates the bill, 64; what is a material alteration? 65.
Alterations: in deeds of settlement, how made, 524.
America: money table of the United States, 355; the par of exchange between, and London, 354; laws respecting the circulation of gold coins, 355; value of sovereigns in, 356; the expenses of sending gold to, 356; trade with India, 588; a summary of all the banks in, 762; pressure in, in 1806, 101.
American dollars: how turned into pounds sterling, 346.
— securities: large sums invested in, in 1838, 103.
Amsterdam: mode of ascertaining the relative value of gold at, 389.
Amusements of a banker, 26.
Analogy: arguments from, the nature of, 673.
Anderson, J. A., general manager of the Union Bank of Scotland: his opinion as to bankers holding their reserves in bills of exchange, 86.
Angel: the name of an old English coin; the origin of the application, 392.
Annual dinner to clerks: a good practice, 689.
Annuities granted by the Provident Clerks' Association, 399; on what terms they can be purchased at the savings banks, 401; Long Annuities, how a purchase of is entered in the banker's books, 345.
Application for shares in a new bank: form of one, 365.

* The reader is reminded that he is advised to answer all references in this form without looking into the book, and *aloud*. See the Section on Index Reading. A book is described by stating its uses, how it is ruled, how the entries are made, and against what books it will mark. See page 284.

Apprenticeship: none required to carry on business as a banker, 1.
 Approaching failure: symptoms of, which a banker should observe, 49.
 April: the highest circulation of the country banks is in this month, 508, 511.
 Arbitration of exchanges: what is it, 350; examples, 351, 363.
 Arrangement of counters and desks in a bank, 235.
 Art. Scriptural, of getting rich, 718.
 Artificial memory: applied to figures, 359.
 Ashburton, Lord: his evidence respecting the Bank of France, 747.
 Assets and liabilities of a bank must, under the new Act, be published every month, 534.
 Assimilation of the currency in England and Ireland, 616.
 Assistance in times of pressure: great prudence necessary in granting, 108.
 Attendance, punctual, of bank clerks in the morning, 256.
 Auditors: under the new Act, two or more not being directors, must be chosen at a general meeting of Shareholders, 534.
 August: the lowest circulation of the country banks is in this month, 508, 511.
 Authorized issues: of all the banks in the United Kingdom, 504; of each joint-stock bank in England, 527; of each bank in Scotland, 568; of each bank in Ireland, 633.
 Authors, Scotch, write "accepter," instead of "acceptor," of a bill of exchange, 19; "indorsement" more frequently than "endorsement," 20; they speak highly of their system of exchanges, 557, 559; they censure the English banks for re-discounting their bills, 555; and for not allowing interest on current accounts, 560; and for charging commission, *ib.*; and for having too small a paid-up capital, 551.
 Avoirdupois weight, 353.

B.

Babbage, Charles: his observations, on the dexterity of clerks, 317
 Bacon, Lord: his observations, applied to banking, 272.
 Bad management: the cause of the failure of joint-stock banks, 209.
 Balance, amount of, an indication of the circumstances of the party, 49.
 ——, to: what is it, and how performed, 280.
 ——, daily: how made, 309; tends to the improvement of the clerks, 267; weekly, 310; half-yearly, 311.
 —— sheet: exhibited at the general meeting of shareholders of joint-stock banks, 204; objections to it, *ib.*
 —— provision of deeds of settlement respecting, 525.
 —— sheets: form of one, 303; form of another, 313.
 Bank: the word derived from "banco," the Italian word for "bench," 2; is it singular or plural? 15; state the cases in which it is used in the singular, and in which it is used in the plural, 15.
 —— the building: should be in a respectable part of the town, 232; should be a handsome building, *ib.*

Bank Charter Act of 1844: divided the bank into two departments, 114; the issue department to issue 14,000,000. upon securities, 114; compelled the bank to issue notes against gold, at 8*s.* 17*s.* 9*d.* per ounce, *ib.*; the bank may extend her issue under certain circumstances, *ib.*; remarks on the Act, 115; its suspension, 117; was fairly tried, 137, 138; is said to have secured the convertibility of the note, 119; advantages supposed to have been expected from it, 122; produced abundance of money, 123; caused a low rate of interest, 125; led to speculations, *ib.*; its effects on the bank management, 127; does not admit of those expansions of the currency that are required by the domestic transactions of the country, *ib.*; its effects in respect to the railway deposits, 128; in regard to exportations of gold for specific purposes, *ib.*; in regard to a demand for gold by Scotland or Ireland, or the country banks of England, 129; its effects in producing and aggravating pressure, 130; tends to create panic, as well as pressure, 133; deprives the Bank of England of the power of granting adequate assistance during a pressure, 135; what we have yet to learn respecting it, 139; principles on which bankers should conduct their establishments during its continuance, 140; gives advantage to capitalists, 149; effect on the branches of the Bank of England, 419; Government letter suspending it, 431; comparative view of its effects in Scotland, Ireland, and England, 654.
 —— of England: original establishment, 405; the charters of, 406; term of that granted in 1844, 407; the principles of its administration, 412; its branches, 414; principles of their administration, 418; the laws of the currency with reference to the Bank of England, 419; objections to one bank of issue, 424; letter from the Government to Directors, suspending the Act of 1844, 431; the periodical returns will be observed minutely in seasons of pressure, 111; bankers cannot depend on them for assistance in seasons of pressure, 144.

administration of the office: salaries to clerks, 246; holidays, 261; surety bonds, 249; medical attendant, 258.

— of France. *See* France.

— of Ireland. *See* Ireland.

— of Scotland. *See* Scotland.

Banker: what is one? 1, 729; does not legally require an apprenticeship, 2; his qualifications, 23; should be a man of wisdom rather than of genius, *ib.*; should possess decision, 24; and firmness, 25; not of a hasty temp.r., *ib.*; not swayed by a personal or constitutional prepossession, *ib.*; should know his self, *ib.*; of prudent habits, 26; should know how to select suitable instruments, 27; should know how to work through others, 28; should economize his own time, *ib.*; observe a principle of order, 39; shorten his interviews, *ib.*; should have a talent for obtaining and recording information, 30; should get a knowledge of the means and transactions of his customers, 33; should always have general principles.

ib.; should cultivate chiefly some main branches of business, 35; should exercise due caution in taking new accounts, *ib.*; a small banker should not take large accounts, 36; should study the rules of discounting bills, 37; should guard against forgeries, 39; should avoid dead loans, 42; even to rich men, 43; advances on deeds should only be made on special occasions, 46; bills of lading and dock-warrants should be avoided, 47; and so should policies of insurance, 48; he should observe the signs of approaching failure in his customers and others, 49; should understand the "nursing" of an account, 50.

Bankers, London: in the year 1746, were usually members of the Company of Goldsmiths, 1; do not usually grant interest on deposits, 5. *See London.*

Banker's clerk, The: quotation from an excellent book so called, 257.

Bankers' Magazine: quotation from, 33; reasons for all bankers promoting its circulation among their officers, 270; is a record of banking and currency, 508.

Banking department of the Bank of England: separated from the issue department by the Act of 1844, 152; its state on September 7, 1844, 154; viewed as an independent bank, it has too large a capital, 156; and too large a rest, *ib.*; classification of its deposits, 158; how far permanent, 159; how its deposits are affected by the foreign exchanges, 160; its investments, *ib.*; whether or not convertible, *ib.*; Government stock and annuities, 161; short loans, *ib.*; advances on deficiency bills, 162; the reserve, *ib.*; how affected by the importations of gold, 163. The operations of the banking department from September 1844, to September 1845, 164; reduced the rate of discount to $2\frac{1}{2}$ per cent., 165; adopted the principle of a minimum rate of discount, *ib.*; competition for discounts, *ib.*; inquiry how far the bank rate of discount governs the market rate, *ib.*; the true principles of banking, 167; tendency of a low rate of interest to produce speculations, *ib.*; the public duties of the banking department, *ib.*; administration of, from September 1845, to September 1846, 168; various rates of interest, *ib.*; principles on which the rate of interest is regulated, *ib.*; railway deposits, how managed, 169; administration of, from September 1846, to September 1847, *ib.*; various rates of interest, *ib.*; unfavourable course of exchange, 170; deficient harvest, *ib.*; deficiency bills, *ib.*; pressure in April, 171; restricted their discounts, 170 refused to grant loans on exchequer bills, *ib.*; borrowed money on consols, *ib.*; censures on the bank directors, 171; practice of London bankers, 172; question as to the publication of the bank's reserve, 172; administration of, from September 1847, to September 1848, 173; rates of interest charged, *ib.*; failures of houses in the corn trade, and of other large commercial houses, 174; advances made by the bank, *ib.*; lent stock, exchequer bills, and India bonds, 175; deputation from the London bankers waited on the Government, *ib.*; letter

from the Government suspending the Act of 1844, 176; state of the bank's reserve, *ib.*; decline of the pressure, 177; distinctive characteristics of the first four years of the operations of the banking department, 180; importance of this review, *ib.*

Bankrupt: the word derived from two Italian words, which signify a broken bench, 2; joint stock banks are subject to the laws of bankruptcy, 536; those of Scotland and Ireland excepted, by 9 & 10 Vic. cap. 85, 656.

Bankrupts: if all the parties to a bill are bankrupts, the holder may prove for the full amount under each commission, 63.

—, fraudulent: in no case should bankers retake their accounts, 681.

Banks: how divided, 2; the business of, *ib.*; the disposable means of, 3; the expenses of, *ib.*

Belfast, banks in, 639; table of their capital, &c. 640.

— Banking Company: its origin, 639; its branches, 640.

Bell, Gavin Mason, author of the Philosophy of Joint-stock Banking: quotations from, on the qualifications of directors, 191; ditto, of managers, 196.

Bell, Robert, manager of the City of Glasgow Bank in Edinburgh: his first letter to the author, 55; his second letter, 560.

Benevolence, the duties of: inculcated by Moses, 701; by Job, 702; by Solomon, *ib.*; in the New Testament, *ib.*; the rule by which it should be exercised, 703; should not be indiscriminate, 704.

Bequest: form of one to the Provident Clerks' Association, 400.

Bible, a code of laws, not a book of adjudged cases, 679; its political economy, 719. *See Scripture.*

Bill-brokers: bankers' loans to, 88; failure of, 89.

— people who discount with, when money is abundant and cheap, return to their banker in seasons of pressure, 109.

— banks should not depend on them for assistance in seasons of pressure, 145.

Bill committee, 526.

— journal: describe it, 292.

— ledger: describe it, 292.

— register: describe it, 291.

Bills offered for discount: various classes of, 37; topics of inquiry about them, 39.

— presented for payment by bankers, 8.

— if a banker misapplies bills lodged by his customer, who loses? 67.

— of exchange: what is one? 53; the form, 54; who are the parties to one? 55; how are they divided? 57; what is a set of bills? 57; what stamps are required? 61; when must a bill be presented? 59; when must notice of dishonour be given? (*See Notice*); formed a large part of the circulation of Lancashire, 73; forms of foreign bills, 71; some bankers hold their reserves in, 85.

— of lading: not proper security on which a banker should make advances, 47.

Bishop, the admonitions of, have less effect upon some people than the frown of a banker, 14.

Blair, Alexander, treasurer of the Bank of Scotland: organized the Edinburgh

- clearing-house, 558; letter addressed to, by Mr. Kinnear, on exchange companies, 601.
- Boards of directors: govern the joint-stock banks, 198, 524; should be composed of members of various ages, 192; should treat the manager with kindness and confidence, 193; should guard against the undue ascendancy of individual members, 224, 635; should not be guided too much by the applauses or admonitions of the shareholders, 225; should be well paid for their services, 229; duties of, towards the servants of the bank, 690. *See Directors.*
- Boating, a serviceable recreation for bank clerks, 258.
- Bonds of security: form of, given by managers, 368; and by clerks, 370; cash credit bonds, 375; of the Guarantee Society, 393.
- Book-keeping: the importance of, 216; banks should estimate their losses, 217; should keep an account of the bills rediscounted, *ib.*; each branch should have a good system of, 218.
- , banking: a system of, 276; the horizontal, 319; comparison between commercial and banking, 327; books connected with the clearing, 442.
- Branches: of the Bank of England, 416; of the Banks of Scotland, 544; of the banks in Ireland, 618, 631, 640; of the country, private, and joint-stock banks, 506, 552; of the joint-stock banks in London, 486.
- of the Bank of England at Manchester and Liverpool diminished the bill circulation of Lancashire, 74; the circulation of, in notes and drafts, 416, 417.
- of joint-stock banks: their advantages, 198; give facilities for the transmission of money, 199; are opened in places that could not support an independent bank, *ib.*; promote the distribution of capital, 200; secure a better system of management, *ib.*; require a proportionate paid-up capital, 201; require competent managers, and a good system of discipline, 202; comparison between branch banks and independent banks, 203; rules for governing, 218; of the London and Westminster Bank, 465.
- Branch department, what books are kept there, 801.
- Brokers' bills: first class bills so called, are discounted by bankers, 84—88.
- Bullion, Thomas: a signature to a series of letters to a branch manager in the Bankers' Magazine, 33.
- Business habits: what are they? 269.
- C.
- Calculating boys: principles of their operations, 359.
- Calculations, banking, with reference to: the discount of bills, 333; interest at 6 per cent., 335; interest at 5 per cent., 337; use of interest tables, *ib.*; interest on current accounts, 339; composition for stamp duties, 340; time that notes remain in circulation, *ib.*; to calculate commissions, 343; dividends or stock, *ib.*; long annuities, 345; stock-brokers' charges, *ib.*; American dollars and French rentes, 346; foreign bills of exchange, 347; arbitration of exchanges, 350; the value of gold in different countries, 332; par of exchange, 354; money table of the United States, 355; value of sovereigns in America, 356; money table for India, 357; to ascertain how many persons enter a bank in the course of a day, 358; calculating boys, 359; systems of artificial memory, *ib.*; questions for calculation, 362.
- Call over: what is it, and how should it be performed? 280, 317.
- Calmness: a banker should always maintain a feeling of, 29; should observe it in his reproach, 275.
- Cancelled: how is a cheque cancelled, and when? 283.
- Capital: banks should have a sufficient amount of, to secure self-dependence, 147.
- paid-up, of a joint-stock bank, 183; evils of too small a capital, *ib.*; evils of too much capital, 184, 461; proportion of capital to liabilities, 185; modes of increasing capital, *ib.*; advantages of a nominal capital, 186; provisions of the new Act with reference to capital, 188, 539; the capital of all the joint-stock banks in England, 530.
- of each of the joint-stock banks in London, 487; of each in the country, 527; of each in Scotland, 544; of the banks in Ireland. *See Ireland.*
- Capitalists: advantages they derive from banks, 5, 581.
- Case of need: what is it? 56.
- Cash: origin of the word, 392.
- account with branches: how is it kept, 307.
- book: describe it? 287.
- credits: what are they? 372; wherein do they differ from overdrawn accounts? 573; utility of, 573—576; wherein they differ from discounts, 571.
- not adopted by the London and Westminster Bank, 463; form of bond, 375; diminished in Scotland by the Act of 1835, 567; their advantages, 573; diminished in Ireland by the runs for gold, 654.
- credit bond, forms of, 375.
- department, books used in the, 285.
- Cashier's department, 251; his qualifications, *ib.*; his deficiencies, 262; checks on their accuracy, 241.
- Cast, to, or cast-up: what is it? 284; how to do it well, 279, 317.
- Catechism: an Index may be used as one, 742.
- Causes: of the failure of joint-stock banks, 208; taking over the unsound business of private banks, 209; making advances on dead security, 210; granting accommodation to parties engaged in speculative undertakings, 213; a want of system and discipline in conducting its affairs, 215; making no provision against contingencies, 220; defects in the constitution of the bank, the appointment of incompetent persons, or an unwise distribution of the administrative functions, 221; injudicious proceedings of meetings of proprietors, 225.

- Causes of the prosperity of the Provincial Bank of Ireland, 630.
 Certificates of shares, forms of, 366, 383.
 Chain rule : what is it? 350.
 Change, small, obtained from banks, 7.
 Character, personal, of parties : an element in a banker's calculation as to the credit they are entitled to, 33.
 Chartered banks, 610; charter of the Bank of England, 405; of the Bank of Ireland, 612; of banks in Scotland, 540—549; of the new joint-stock banks in England, 534, 657.
 Check-ledger: describe it, 326; advantages of, 331.
 Checks upon the issues of country banks, 514, 515.
 Cheque: less trouble to write one than to count out the money, 8; useful in proving payments, 11; must not be drawn on a bank more than fifteen miles distant, 60; should we write "cheque" or "check," 22.
 Cheques: are multiplied by the business of the Stock Exchange, 445; utility of crossing, 450.
 Chief accountant : his duties, 252.
 — clerk : his desk, where to be placed, 236; his qualifications, 253; his duties, *ib.*; should not have much manual labour, 263; his office a good training for a manager, 270; his duties often performed by the banker, 273.
 Circular notes : form of those issued by the London and Westminster Bank, 385.
 Circulation : different meanings of the word, 422; the Parliamentary meaning, 653.
 Cities: analogy between cities and public companies, 675.
 Class of society from which bank clerks are usually taken, 238.
 Classes of bills offered to a banker for discount, 37.
 Classification of accounts according to the profession of the parties, 30.
 Clay, Sir William : his motion respecting joint-stock banks, 98; his questions to the Governor of the Bank respecting the clearing, 492.
 Clearing: between the London bankers, 440; increase of, by the business of the Stock Exchange, 444; a clearing balance-sheet, 447; amount of transactions by each banker, 447; amount of in each month, 448; books connected with, 442; joint-stock banks excluded from, 488.
 — between the Bank of England and the London bankers, 448.
 — between the banks at Newcastle-upon-Tyne, 449.
 — house: the presentment of a bill for payment there is a legal presentment, 66; operations of the, described, 410.
 Clerks: their selection and appointment, 237; distribution of their duties, 241; amount of their salaries, 242; their securities, 247; the system of promotion, 250; the rules of discipline, 255; their holidays, 259; training of clerks for higher offices, 263; chief clerk, where he should be placed, 236; his duties, 255.
 Coin : origin of the word, 391; the word "money" applied to, 286.
 Collective responsibility of nations, 671; families, 674; cities, 675; public companies, 667.
 Commercial Bank of London: its formation, capital, profits, dividends, and surplus funds, 481; its prospectus, 482. *See Errata.*
 — Exchange Company at Glasgow, 603.
 Commission accounts taken by the London and Westminster Bank, 462, 731.
 Commissions : how to calculate, 343.
 Committees: of the Lords and Commons, upon the abolition of small notes in Scotland and Ireland, in 1826, extracts from their reports, 539, 540, 577, 646.
 Committee of the House of Commons, on the Bank of England Charter, in 1832, 124; extract from the evidence of Mr. Horsley Palmer, 97; *ditto* Mr. George Glyn, 439.
 — of the House of Commons, on joint-stock banks, in 1836, 99; extracts from their report, 524.
 — of the House of Commons, on banks of issue, in 1840, extracts from the author's evidence before them, 419, 424, 511.
 — of the Lords and Commons, appointed to inquire into the causes of the distress of 1847, 117; of the House of Commons, reported in favour of the continuance of the Act of 1844, 119; of the House of Lords, extracts from their report as to the cause of the distress of 1847, 117.
 Compensation : by the Act of 1844, to banks that issued Bank of England notes, 502.
 Composition for stamp-duty on notes : how calculated, 310.
 Consols: the best kind of Government securities for bankers to hold, 82; should hold other stock too, 83.
 Constitutional failings : a banker should guard against, 25.
 Convertibility of the bank note: what it means, 119; the Act of 1844 said to have secured it, 120.
 Copland, Charles, manager of the Royal Bank of Ireland, formerly a manager in the Provincial Bank of Ireland, 638.
 Copper: its specific gravity—how coined, 353.
 Corn merchants: banks have made great losses through advances to, 213.
 Correlative terms: drawer drawee, payer payee, mortgagor mortgagee, indorser indorsee, discounter discountee, noder nodee, 55.
 Cotton, William, governor of the Bank of England in 1844: his evidence as to discounting for country banks of issue, 506. Coulthart's Interest Tables, 340.
 Counterfeit coin : less through banking, 8.
 Counterfeits: arrangement of, in a bank, 235; should at all times be properly appointed, 236.
 Country banker: how affected in seasons of pressure, 107; has greater facilities in obtaining information than London bankers, 33.
 Country bankers: advance money on a deposit of deeds, 47; make advances by way of overdraft, 42.
 — banks: circulation of, restricted by the Act of 1844, 497; opinions of the joint-stock banks respecting the country circulation, 616.

- Country department in a bank, 296; what books are kept in the, 298.
 —— private banks, 494; the principles of their administration, *ib.*; the provisions of the Act of 1844, 495; the regulations imposed on such as are banks of issue by the Act of 1844, *ib.*; the laws of the currency with reference to the country banks, 507; examination of the author on the subject by Sir Robert Peel, 511; the clearing between country banks, 517.
 Courtesy: of managers, 195; of clerks, 688; of shareholders, *ib.*; of directors, 601; of annual reports, 688.
 Credit-book: describe it, 299.
 Credits on agents. how entered in the books, 305.
 Cross-firing: what is it? 49.
 Crossing of cheques: the uses of, 450.
 Currency and banking: "A Review of some of the Principles and Plans that have recently engaged public attention with reference to the Administration of the Currency," a quotation from, in reference to the principle of the Act of 1844, 115.
 Customers: a banker should get a knowledge of his, 32.
 —— books: should be correctly and neatly written up, 261; are checked against the ledger, 262.
 Cutbill, Alfred R., manager of the Commercial Bank of London, previously sub-manager of the London and County Bank, 481.
- D.
- Daily balance: describe it, 267, 309.
 Danish bill of exchange: the form of one, 71.
 Dates: Bank of England commenced 1694, present charter to expire at the expiration of twelve months' notice to be given after the 1st day of August, 1855, 412.
 —— the London and Westminster Bank, opened on the 10th March, 1834, 452; the London Joint-stock Bank, on the 21st November, 1836, 472; the Union Bank of London, on the 4th February, 1839, 478; the Commercial Bank of London in 1840, 481; the London and County Bank, in September, 1836, 452.
 —— of the establishment of all the joint-stock banks in England, 527; of those that have ceased, 530, 532, 744.
 —— of the origin of the banks in Scotland, 544; of the provisions of the Act of 1845 in Scotland, 541; in Ireland, 607.
 —— the Bank of Ireland commenced the 25th June, 1783; Provincial Bank in 1825; National Bank in 1834; Hibernian Bank in 1824; Royal Bank in 1836; Northern Bank in 1825; Belfast Banking Company in 1827; Ulster Bank in 1837.
 See these banks.
 —— Act of 1844 was suspended on the 25th October, 1847, 431; suspension removed on the 23d November, 1847, 433.
 David: his gratitude and humility, 695.
 Day-book: describe it, 287.
 Days: the number of, that Bank of England notes, of various denominations, remain in circulation, 342.
 Dead loans: how they arise, 42; cannot be called up in seasons of pressure, 107.
 —— security: some banks have lost money by making advances on, 43, 210.
 Debt, National: the amount of, 95.
 Decision: very necessary in a banker, 24, 196.
 Declarations of secrecy: form of, signed by directors and officers of joint-stock banks, 371.
 Deed of settlement, 368; provisions of, with regard to altering the regulations of the company, 524; as to the mode of conducting the business of banking, *ib.*; as to the degree of publicity to be given to the proceedings, 525; as to the terms on which the company is to be dissolved, 526; provisions of, under the New Act, 534.
 —— of transfer: form of, 383.
 Deeds lodged as security for loans: rules to be observed respecting, 46.
 Defects of character in a banker, 24.
 Deficiencies of cashiers: how provided for, 262.
 Department of tellers, 250; of cashiers, 251; of accountants, 252.
 Deposit receipts: form of, 378; use of, 730.
 Deposit receipt-book: describe it, 290.
 Deposits in a bank: are reduced in seasons of pressure, 106; the system of, in Scotland, 579.
 —— amount of, in each of the joint-stock banks of London, 487.
 Desks: arrangement of, in a bank, 235.
 Difference between the pressures of 1836 and 1839, 104.
 Diligence in business, a source of wealth, 717.
 Direction, or notice, left by a bank clerk when a bill is not paid on presentation, 59.
 Director: should be a man enjoying public confidence, 188; should possess a knowledge of commercial business, 189; should be a man of strict integrity, 189; a man of influence and respectability, 190; in good pecuniary circumstances, 190; should have time to give attention to the bank, 191.
 Directors: at first they had no banking experience, 222; were chosen because out of business, *ib.*; evil of managing directors, 224, 600; and secret committees, 224; provisions of the New Act respecting, 534, 657.
 —— of the Bank of England: their number and qualifications, 152; have always been liberal towards the clerks of the establishment, 250.
 —— Ireland, 613, 658.
 Discipline: rules of, in a bank, 218, 255.
 Discount of bills: mode of calculating, 3, 3.
 Discount balance book: describe it, 30.
 —— journal: describe it, 292.
 —— ledger: describe it, 292.
 —— register: describe it, 291; abolition of, 325.
 Discounting bills: large part of a banker's business, 37; classes of bills offered for discount, 37; rules of, 38; points of examination with reference to bills discounted, 39, 52.
 Discrimination of character: a necessary qualification in a banker, 27.
 Dissolution of a banking company: how made, 526.

Dividends, high: bankers should not expect them under the Act of 1844, 147.
— rate of, paid by the joint-stock banks of London, 487; by the country joint-stock banks, 527; paid by each bank in Scotland, 544.
— how to calculate, 343.

Divine Character: a lovely exhibition of the, in the words "He hath pleasure in the prosperity of his servants," 691.

Division of labour: necessary in a bank, 241, 316.

Dock warrants: a banker should not make advances on them, except occasionally for the accommodation of a customer, 47.

Documents: banking, 364.—1. Documents connected with the formation of a joint-stock bank, 364. —2. The deed of settlement, 368.—3. Bonds of security for the officers, 368.—4. Declarations of secrecy, 371.—5. Letters of guarantee, 372.—6.

Letters on lodging deeds or other securities, 373.—7. Memorandum of agreement with reference to deeds, 374.—8.

Cash credit bond, 375.—9. Letters of credit, 377.—10. Deposit receipts, 378.

11. Requisition notes, 379.—12. Letter calling a general meeting, 381.—13. Special contracts, 382.—14. Notices of calls, *ib.* —15. Certificates of shares, 383.—16. Deed of transfer, 385.—17. Circular notes issued by the London and Westminster Bank, 385.—18. A table showing the relative value of gold in London and

Paris, Hamburg, and Amsterdam, 389.—19. A table of English money reduced into foreign, 390.—20. Bond of the Guarantee Society, 393.—21. Provident Clerks' Benevolent Fund, 396.—22. Terms of savings' bank annuities, 401.—23. Comparative view of the expectation of life, 402.

Domine Dirige Nos: the motto of the City of London, 695.

Double entry, book-keeping by: describe it, 329.

Draught, or draft, which should we write? 21.

Dunedin Bank: extract from their prospectus, 553.

Dutch bill of exchange: the form of one, 71.

— coin, English money reduced into, 390.

Duties of clerks: the distribution of, 241.

— of public companies, 676: 1. Duties of patriotism, 677.—2. Duties of social relationship, 679.—3. Duties of religion, 693.—4. Duties of benevolence, 701.

E.

East India bonds: a banker's investments in, 84.

Economy, domestic: promoted by banking, 11.

— should not be too strictly regarded by public companies: in their expenditure, 678; in their buildings, 232; in their salaries, 227; in their hospitality, 689; in their pensions, 690.

Education: the duty of educating the poor binding on public companies, 701; ways in which the duty should be discharged, 708.

Education: a religious one, a strong recommendation in a candidate for the office of bank clerk, 239.

— effect on the population, 706; advantage to banks of having educated servants, 708; many public companies owe their existence to, 707.

English money: reduced into Prussian, Frankfort, Dutch, and French coin, 390.

Employment previous: to be inquired into before appointment as a bank clerk, 239.

Envy: the prosperity of the wicked should not be envied, 725.

Equivalent numbers: great facilities to calculation by substituting, 355.

Evil speaking: should not be practised between public companies, 682.

Examination of the author by Sir Robert Peel, on the circulation of country banks, 511.

Example: the effects of, 679.

Exchange banks and companies, 597; letter of the author respecting, 597; extracts from Mr. Kinnear's pamphlet respecting, 601; those established in Scotland, 603.

Exchanges: between bankers in London, 140; between bankers in the country, 517; between bankers in Scotland, 557, 593; in Ireland, 660; in Newcastle-on-Tyne, 449. *See* "Clearing."

— foreign, unfavourable, usually precedes a season of pressure, 96. *See* "Foreign."

Exchequer bills: a banker may have to sell or borrow on them in seasons of pressure, 107; loans on refused by the Bank in April 1847, 129; some banks keep their reserves in, 83; Bank of England did so, but have changed for stock, 84.

Executor: should open a separate account at a bank, 787.

Expectation of life: a short mode of ascertaining, 49.

Expenditure: a record of, preserved by keeping a banker, 11; enumerate the accounts that are placed under this head in the general ledger, 303; how entered in the books, 307.

Expenses of a bank: what are they? 3, 303.

F.

Failure: when a banker failed in Italy his bench was broken by the populace, 2; signs of approaching failure, 49.

Failures of joint-stock banks: causes of, 208; number of, 530.

False dealing forbidden, 680.

Families: analogy between families and public companies, 674; instances of families being rewarded or punished for their actions, 675.

Farthing: origin of the word, 393.

Figures: should be made plain, 278.

Firmness: want of, a defect in a banker, 25.

Fluctuations: great in the amount of the circulation, the rate of interest, and the price of the public securities, during 1847, 122; their effect on trade, 151.

Foreign bills of exchange may be accepted verbally, 57; always protested for non-acceptance or non-payment, 60; usually drawn in sets, 57; often drawn as a

- usage, 58; bills drawn from Scotland or Ireland are considered as foreign, 57; form of in several languages, 71.
- Foreign countries, bills on: how they arise, 347; how calculated, 350; arbitration of exchanges, 350.
- exchanges: country bankers do not regulate their issues by, 512.
- may be adjusted by other means than the transmission of gold, 122.
- Forgeries: various kinds of, 39; how to guard against, 40; in signing deeds, 40.
- Form: of a bill of exchange, 54; of a pro-missory note, 55; of a cheque, 60.
- Foster, J. F.: his "Book-keeping" quoted, 276, 319.
- France, Bank of: founded in 1803, 748; is governed by a governor, two sub-governors, three receiver-generals, three censors, and twelve ordinary directors, 749; how are they paid? 750; the rate of interest charged, 751; principles of management, 752; their circulation of notes, 753; branches, *ib.*; connexion with the government, 755; its condition, 757.
- Francis, John: his "History of the Bank of England" quoted, 318.
- Frankfort coin: English money reduced into, 390.
- Free-trade in banking does not produce numerous banks, but the reverse, 517.
- French: form of a bill of exchange drawn *ib.*, 71.
- coin: English money reduced into, 390.
- stock: how calculated, 346.
- G.**
- Gamblers: bankers should discountenance, 14.
- Gambling in the funds or in shares: bankers' clerks should not do so, 263.
- Gardening: a highly beneficial recreation for bank clerks, 258.
- General account of cash: how kept in the books, 308.
- balance-book: describe it, 30, 303.
- ledger: describe this most important book, 302; how are the accounts classified? 303; how is it posted from the day-book? 302, 328; is it kept by double entry? 329.
- principles: a banker should always have them, 33.
- Gentlemanly manners: clerks should observe towards each other, 236.
- German bill: the form of one, 71.
- Gilbart, James William, the author: was manager of the Provincial Bank of Ireland, at Waterford, 468; extracts from his History and Principles of Banking, 37; extracts from his Inquiry into the Causes of the Pressure on the Money Market during the year 1839, 96, 133, 148; extracts from his Currency and Banking, reprinted from the *Westminster Review*, 115, 547, 565; extracts from his Letters of Nehemiah, 137, 140, 501; extracts from his Laws of the Currency, published in the *Foreign and Colonial Review*, 420, 507, 563, 612; extracts from his History of Banking in America, 41, 102, 133, 182, 355; extracts from his History of Banking in Ireland, 610, 618; extracts from his Lectures on Ancient Commerce, 26, 269, 278; extracts from his Evidence before a Committee of the House of Commons, respecting one bank of issue, 424; ditto, ditto, respecting the circulation of country banks, 511; ditto, ditto, respecting the circulation of Ireland, 643.
- Gladstone, J. M. P.: his evidence upon the bill circulation in Lancashire, 73.
- Glasgow Exchange Company, 604.
- Glyn, George Carr, M.P.: his evidence respecting the London bankers in 1832, 439; his questions respecting the clearing, 449; his anticipations respecting the issues of the Bank of England, 124.
- Gold: how weighed, 352; how coined, 353; its specific gravity, *ib.*; the amount in circulation, *ib.*.
- Goldsmiths, Company of: formerly most bankers belonged to that company, 1.
- Goodness: always associated with some degree of wisdom, 240.
- Government securities: the Bank of England prefer holding stock to exchequer bills, 8²; amount held by them in September 1844, 154; and at other times, 179; bankers will probably hold a less amount from their experience of the Act of 1844, 142; proper for bankers to hold their reserves in, 81, 89.
- Grace: three days of, allowed on bills of exchange, 56.
- Grammar: is the word bank a singular or a plural noun? 15; should we write accepter, or acceptor? 19; indorse, or endorse? 20; indorsement, or indorsation? 20; presentment, or presentation? 21; draught, or draft? *ib.*; check, or cheque? 22.
- Gratitude, debt of: due from public companies to the cause of mental cultivation, 707.
- Grey, Dr.: his system of artificial memory, 361.
- Groat: origin of the word, 392.
- Grudging: hospitality should be exercised without, 689; and also benevolence, 704.
- Guarantee Societies, 247; form of their bond, 393.
- Fund. *See* Surplus fund.
- Guinea: why a gold coin was so called, 392.
- Gurney, Samuel: his opinion as to bankers holding their reserves in bills of exchange, 87.
- H.**
- Habits: how formed, 740; imprudent, voluptuousness, drunkenness, gluttony, idleness, sloth, gay company, improvidence, gossiping, tend to poverty, 717.
- of business: what are they? 268.
- Half-yearly balance: what is then done? 311.
- book: what does it contain? 312.
- sheet: describe it, 313.
- Hamburg: way of estimating the relative value of gold in, 354.
- Happiness: outward circumstances no certain index of, 711.

Head-office: list of all the joint-stock banks in England, arranged alphabetically according to the head-office, 527.

Health: a banker should pay regard to his own, especially in seasons of pressure, 112; means of promoting the health of clerks, 233, 235, 257; holidays have a tendency to promote, 260; great inconvenience from the bad health of clerks, 257; conduct of the Bank of England with regard to the health of their clerks, 258.

Hewat, Thomas: the secretary of the Provincial Bank of Ireland, 629.

Hibernian Bank, 636; its origin, *ib.*; obtained an Act to sue and be sued by its registered officer, 637; the last statement of its affairs, 638.

High salaries to clerks: not advisable at first, 246.

History and Principles of Banking: quoted with reference to bills offered for discount, 37.

—**of Banking in America:** quoted with reference to the re-discounting of bills, 41; with reference to pressures, 102, 133; with reference to joint-stock banks, 182; with reference to the coins of the United States, 355.

Hoarding: the effect of panic, 133; the extent of in 1817, 134.

Holidays: all clerks should have, 259; promote their health and mental energy, 260; a means of improving the clerks, 260, 266; a security for their honesty, 260; rules of the Bank of England with regard to, 261.

Honiton Bank: neglectful in book-keeping, 216.

Honor Pro: the motto of the Mercers' Company, 695.

Honour: acceptance for honour; what is it? 58.

Horizontal system of book-keeping: describe it, 319; what are its advantages? 323.

Hospitality: cases in which public companies should exercise it, 689.

I.

Ignorance: to remove the ignorance of the poor is as much a duty as to relieve their distress, 706.

Illegal considerations for a bill of exchange: such bills cannot be enforced by the drawers, but may by third parties who had no knowledge of the illegal consideration, 61.

Illness of clerks: inconveniences of, 257; means of preventing, *ib.*; conduct of the Bank of England with respect to, 258; why should not banks engage medical men to attend to? 259.

Impartial system of promotion: tends to the improvement of the clerks, 266.

Improvements in book-keeping, 316; what is their object? 319.

Inconvertible security: a banker should not make advances on, 43.

Independence of mind essential to the development of the intellectual character, 272.

Index: used of—is a reference to what we have read—will remind us of what we

have forgotten—frequent perusal of, will impress the book on our memory—will present in one view all that is said on the same subject—a means of self-examination—a catechism—a syllabus—points out those topics on which we may desire information—enlivens the attention, 741—743.

India: money table for, 357; exchange with, *ib.*; how regulated by the East India Company, *ib.*; how exchange operations are conducted there, 587; form of bills remitted thither by the Scottish banks, 590; the Bank of England issue bank post bills in sets, at 60 days sight, for remittance thither, 592.

Indorsement of a bill of exchange: may be either general or special, 54; where it should be placed, 55; should we write endorsement, or indorsement? 20; indorse, or endorse, *ib.*

Industrious classes: system of deposits useful to, 580, 583.

Information: kind of, given by bankers to each other, 11; given by a banker to his customer, 12; means of obtaining and recording, 30; country bankers have great facilities in obtaining, 33.

—book: describe its importance, 31.

Innocent people suffer for the faults of those with whom they are socially connected, 674.

Inquiry into the Causes of the Pressure on the Money Market during the year 1839: quotations from, 96, 105, 133, 148.

Inspection-book: describe it, 30.

Instruments, suitable: a banker should know how to choose, 27.

Insurance companies: their increase owing to the increased attention paid to vital statistics, 707; should be pitiful when policies become forfeited through misfortune, 688; should not rejoice at the misfortunes of rival companies, 685; their policies not good security for bankers' advances, 48; the United Guarantee and Life Assurance Company, 248; the Provident Clerks' Insurance Company, 396.

Interest: a low rate of, usually precedes a season of pressure, 97, 149.

—how to calculate, 333.

—more than 5 per cent. cannot be charged where the security is real property, 47.

—on deposits: allowed by bankers, 5; not generally by London bankers, *ib.*; advantages of in Scotland, 580.

—will advance in seasons of pressure, 106, 110.

—tables: Reader's, 337; Gilman's, 340; Coulthart's, *ib.*

—what is the practice of the London private bankers with regard to? 5, 38, 439; the London joint-stock banks? 462, 470, 471, 475, 477, 478, 482, 486; the country banks? 5, 494; the banks of Scotland? 5, 560, 580, 593; the banks of Ireland? 634, 655; the Bank of England? 413, 415; what rates has the Bank of England charged at different times? 103, 104, 165, 168, 169, 173, 181; what effects have her changes upon the market rate of interest? 126, 171; what connexion is there between rates of interest and seasons of speculation or pressure? 97, 111,

122, 127; how it checks the excessive issue of notes? 514, 560; what effects are produced on, by the Act of 1844? 127, 142, 167; what are the various modes of calculating? 333—340; what rates are charged by the Bank of France? 753; and the Banks in America? 754.

Interviews between a banker and his customers should be short, 29.

Investments: enumerate the accounts that are placed under this head in the general ledger, 303; how entered in the books, 305; in foreign stocks, how far allowed, 525.

— speculative: usually precede a season of pressure, 97, 119.

Ireland: bills drawn from, regarded as foreign, 57.

— banks of, 606; provisions of the Act of 1845, *ib.*; the Bank of Ireland, 610; the Provincial Bank of Ireland, 618; the National Bank of Ireland, 632; the Hibernian Bank, 636; the Royal Bank of Ireland, 638; the private banks in Dublin, 610; the Northern, Belfast, and Ulster Banks, at Belfast, 639; the Tipperary Joint-stock Bank, 641; the Laws of the Currency in Ireland, 642; the abolition of notes under 5*l.*, 646; respective bearings of the Acts of 1844 and 1845 (7 & 8 Vict. cap. 52; & 8 Vict. cap. 113, and 9 & 10 Vict. cap. 85) upon the banks of England, Scotland, and Ireland, 644; statement of the exchanges in Dublin, 660.

Isle of Man: two joint-stock banks have failed there, 532.

Isle of Wight: a joint-stock bank there took the business of a private bank, 210; afterwards merged in the National Provincial Bank, 532.

Issue department of the Bank of England: is required to give notes for gold, at the rate of 3*l.* 17*s.* 9*d.* per ounce, 114; not to issue more than 14,000,000*l.* against securities from the thirty-first day of August 1844, 408.

Act of 1844—no banker in any part of the United Kingdom, who did not issue notes on the sixth day of May 1844, shall have the power of issuing notes, 495; the amount of notes a country bank in England may issue must not exceed the average amount in circulation during the twelve weeks ending the twenty-seventh day of April 1844, 496; upon an average of four weeks, no banker must have more than the above amount in circulation from the tenth day of October, 1844, 497.

— no bank can issue notes in Scotland or Ireland, who did not issue on the first day of May 1845, 541; the fixed issue of each bank is the average amount it had in circulation during the year ending the first day of May 1845, *ib.*; upon the average of four weeks, no bank to have in circulation a larger amount than this fixed issue, after the sixth day of December 1845, *ib.*

Italian bill of exchange: the form of one, 71.

C.

Jackson, John Stanway: manager of the Bank of Mona, 533.

James, Paul Moon: his opinion as to bankers holding their reserves in bills of exchange, 85.

Job: his controversy with his friends, 710; his reflections when in distress, on his previous conduct towards his servants, 691; his kindness to the poor, 702.

Joint-stock banks: committee of the House of Commons respecting, 98; their report, 99; points in which they differ from private banks, 182; their paid-up capital, 183; are governed by a board of directors, 188; have a chief officer called a manager, 192; distribution of their administrative functions, 196; advantages of their branches, 198; their annual meetings of shareholders, 204; their balance-sheets, *ib.*; their profits, and the modes of distribution, 206; causes of their failures, 209; their advantages, 484. See Causes.

— in London: Points on which they differ from the private bankers, 459; number of partners, 460; a known amount of capital, 461; grant interest on lodgments, 462; no Christmas-boxes to clerks, *ib.*; have branches, 465. Points in which they differ from each other:—three give interest on the minimum balance of a current account, 471, 475, 478, 485; two take commission accounts, 461, 485; one has branches in the country, 183.

— in the country: origin of, 523; provisions of their deeds of settlements, 524; a list of those now in existence, 527; of those that have stopped payment, 530; of those that have wound up, 531; of those that have stopped and resumed, 532; of those that have merged in other joint-stock banks, *ib.*; see also, 741.

Journal: merchants', describe it, 327; bill journal and discount-journal, 2/2.

K.

Keeping a banker: what is it? 730; more general in Scotland than in England, *ib.*; reasons for doing so, 732; which banker should we choose, 734; mode of opening and keeping the account, 735; interviews with the banker, 736.

Kindness to the poor: a source of wealth, 718.

Kinnear, George, manager of the Commercial Exchange Company: extracts from his letter to Mr. Blair, 601; extracts from his pamphlet on Exchange Companies, *ib.*

Knowledge: the advantages of, 706.

— of his customers, of great importance to a banker, 32.

L.

Labour: division of among clerks, 241; one office should be a training for the next above it, 265.

Labouring classes: advantages they derive from banks, 580, 583.

Lancashire, circulation of: consisted mainly of bills of exchange, 73; how altered, 74.

- Large accounts: should not be taken by small bankers, 36.
 —— advances to one customer: not desirable, 234.
 —— banks: the formation of, prevented by the Act of 1844, 500.
Laws of the currency: with reference to the Bank of England, 419; to the country banks, 507; to Scotland, 563; to Ireland, 642.
Law suits: rules to be observed with respect to them, 685.
Lawyers: opinions of, with regard to a special following a general indorsement of a bill of exchange, 54; banks should employ none but honest ones, 687.
Leatham, Mr.: his calculation as to the amount of bills of exchange in circulation, 74, 76.
Lectures on ancient commerce: quotations from, on the amusements of a merchant, 26; on bad writing, 278; on habits of business, 268.
Ledger, current-account: describe it, 289; progressive, describe it, 290.
 —— general: describe it, 302; merchant's, describe it, 329.
 —— keeper: his desk, where placed, 236.
Leeds: a bank that failed there is said to have advanced money on shares, 214; its banks have sometimes advanced money on mills, 211.
Legislation: has made banks too numerous, 517; prevents the formation of large banks of issue, 656.
Letters addressed to the author: by Mr. Robert Bell, 551, 560; by an Irish banker, 661; from India, 586.
 —— between the Government and the Bank, respecting the Act of 1844, 431.
 —— of bankers: form of, 297.
 —— of credit: form of, 377.
 —— of guarantee: forms of, 372; of deposit of deeds, 373; of credit, 377.
 —— addressed to banks, as security for bills discounted, 372; to accompany a lodgment of deeds, 373.
 —— of Nehemiah: quoted, 136, 140, 501.
 —— to a branch manager: quoted, 33.
 —— to shareholders: forms of, 366, 381.
Lettre d'Indication: what is it? 385.
Liability of shareholders in joint-stock banks: not limited by charters granted under the new Act, 535.
 —— in the Guarantee Society the shareholders are not liable on their policies beyond the amount of their shares, 395; and rateably only with other parties, 396.
Liberality in the cause of religion: a source of wealth, 697, 718; rules for its exercise, 704.
Library, a banking: every bank should have one, 270.
Licences to issue notes: alteration made by the Act of 1844, 499.
Life policies: a banker should not make advances on, 48; the value of, 49.
Light: regard should be paid to, in fitting up an office, 233; prevents mistakes, 234; produces cheerfulness, *ib.*; how it should fall, *ib.*
Lists: describe the books so called, 293.
Literary societies: bank managers should promote, 708.
Liverpool bankers have made advances on cotton, 43.
Loans: how made in London, and how in the country, 42; when are they dead? 43; quotation from Mr. Taylor, respecting, 45; how entered in the books, 306.
 —— to stock or bill brokers, 88; loans to clerks, 263, 398.
 —— and discounts: the demand for them will increase in seasons of pressure, 106.
Local directors of branches: not now appointed generally in England, 220; of the Provincial Bank of Ireland, 624.
Locality: what is the best for a bank? 232.
Lodgments: enumerate the accounts that are placed under this head in the general ledger, 303.
London bankers: give information to each other, 11; do not re-issue country notes or bills of exchange, 439; difference between City and West end bankers, 35.
 —— private bankers, 434; list of, 436; the principles of their administration, 438; the operations of the clearing-house, 440.
 —— joint-stock banks, 452; their number, *ib.*, 486; abstract of their returns to the Stamp-office, 487; statement of their affairs from their last reports, *ib.*.
 —— and Westminster Bank: form of their circular notes, 385; list of foreign bankers who pay them, 386; its history, 452; its principles, 459; its branches, 465; its government, 468; its paid up capital, profits, dividends, and surplus fund, 469; its prospectus, *ib.*.
 —— Joint-stock Bank: its formation, 471; its capital, profits, dividends, and surplus fund, 477; its prospectus, *ib.*.
 —— and County Bank: its original title, 482; private banks merged in, 483; its prospectus, *ib.*.
 —— and Dublin Bank: merged in the National Bank of Ireland, 634, 642.
Long Annuity: how a purchase of, is passed through the books, 345.
Lord Bacon: his observation on reading, writing, and conversation, applied to bankers, 271.
Lost bill of exchange: what is the law respecting it? 63.
Love thy neighbour as thyself: how can a banker do this? 684; not practised by street cigar-smokers, 693.
Loyd, Lewis: his evidence upon the bill circulation of Lancashire, 73.
 —— Samuel Jones: reply to his observations in favour of the currency principle, 115; his liberality to his clerks, 244.

M.

- McCulloch**, Mr.: his observations on the clearing, and his description of the advantages of the clearing-house, 451.
Mammon, temples of: buildings of public companies should not be so, 727.
Manager: should be selected solely on account of his banking talents, 193; should be characterized by circumspection and uprightness, *ib.*; his various duties, 194; must not be engaged in any other employment, 195; his conduct towards the

customers, *ib.*; should be prompt and decided, 196; in some banks the administrative power is vested solely in the manager, 197, 526; large banks can command the services of the most talented managers, 204; should study his weekly balance-sheet, 217; in 1836 joint-stock banks were formed faster than good managers could be obtained, 223; his efficiency will depend on his social position, *ib.*; the most important of a manager's functions is to give advice to the directors, 224; evils of a manager being badly paid, 228; an instance of liberal feeling in the shareholders of a joint-stock bank towards their manager, 227; how clerks are trained to become managers, 268; names of the managers of all the joint-stock banks, 527; under the new Act a bank must have one, 535; of branches, 202.

Manager's house: should be wholly separate from the bank office, 233.

Manchester: banks at, advanced money on mills, 43, 210; made advances to some of their own directors, 215; services of plate were presented to directors shortly before their banks stopped payment, 226.

— the bank of, extract from its first report, 224; evidence of its directors before the Parliamentary Committee, 225; failure of, *ib.*; had a large amount of drafts on London in circulation, 211.

Manufacturers in Scotland have no inducement to become bankers: why? 576.
Marshall, James, the late secretary of the Provincial Bank of Ireland: his evidence as to whether banks should hold their reserves in Government securities, 81; his evidence as to the formation and management of the Provincial Bank of Ireland, 622.

Masters: duties of, towards their servants, applied to banks, 690.

Memorandum: what document is so called? 296.

— of agreement, with regard to a lodgment of deeds in a bank as security for advances, 371.

Memory, artificial: different systems of, 359; sometimes useful as applied to figures, 361.

MERCHANTS: advantages to, from keeping a banker, 8; their book-keeping, compared with the banker's book-keeping, 327.

MERCHANTS' Magazine, published at New York, recommended, 762.

MERCURY: the god of merchants and bankers, who went in public procession to his temple at Rome every year, 694.

METHODS of clerks: different ways of ascertaining, 264; should influence their promotion, 250, 253, 266.

METROPOLITAN BANK: wound up, and its business transferred to the Union Bank of London, 488.

MIND: reproofs have most effect on the, when administered in seasons of affliction, 109; men of business apt to overlook, though among no class are mental phenomena more strikingly exhibited, 228; its energies are depressed by the fear of censure, or the dread of responsibility, 272; a sense of independence

essential to the full development of its powers, *ib.*; how its faculties are affected by kindness and generosity, 229; how the minds of managers are influenced by the amount of their salaries, *ib.*; and those of directors, 230; and those of clerks, 244, 254; its general cultivation renders its faculties more effective in every particular application of them, 708; public companies are triumphs of, 707; advantages to public companies from servants of cultivated minds, 708.

MINES, Royal: the governor and company of, received assistance from the Bank of England, 210.

— coal: not good security for a bank advance, 211; forbidden in some deeds of settlement, 524; mining associations should not rejoice when accidents occur in rival mines, 685.

MINORS, under twenty-one years of age: in what cases they may accept bills of exchange, 62.

MONA, Bank of: a branch of the City of Glasgow Bank, in the Isle of Man, has a charter from the local government under this title, 533.

MONEY: a banker is a dealer in, 2; bank a safe place of deposit for, 4; effect of its increase, 96, 131, 160.

— origin of the word, 391; applied only to coin in banking book-keeping, 281.

— book: describe it, 236; how superseded, 321.

MORAL AGENTS: what constitutes moral agency, 666, 709; are banking companies moral agents? 666; what duties have they to perform? 676; what reward or punishment follows the performance or non-performance of these duties? 709.

— character of a party: an element of the banker's security, 13.

— feelings: the cultivation of, improves the intellect, 690.

— sense: what is it? 709; absurdity of denying its existence, *ib.*

— influence: of banking, 13; of cash credits, 576; of deposits, 583.

Morris, James, Governor of the Bank of England in 1848: his evidence as to the cause of the pressure in 1847, 118; his statement as to the liberality of the Bank of England, 174; his opinion as to the Bank of England discounting for country banks of issue, 506; his evidence as to the increase of notes required for circulation through the exclusion of the joint-stock banks from the clearing-house, 492.

MOSES: an example to bankers, 28; was instructed to make use of other men, *ib.*; taught the doctrine of national responsibility, 671; his law against muzzling the month of the ox that treadeth out the corn, 691; cautions the Israelites against forgetfulness of God in the time of their prosperity, 694; his laws framed on a principle of righteous retaliation, 721; made laws in favour of the poor, 701; and, moreover, exhorted the people to voluntary benevolence, *ib.*

MURRAY, Robert, chief officer of the Provincial Bank of Ireland, 629; his evidence as to one bank of issue, 646; the tables he presented to the Lords' Committee, 652.

N.

- Names of talented men should not bias us in our inquiries after truth, 115.
 National Bank of Ireland, 632; extracts from its prospectus, *ib.*; adopted the ideal shareholder principle, 633; its chief connexions at first among the Repealers, *ib.*; took the business of the London and Dublin Bank, 634; acts in some cases as a savings' bank, *ib.*; the last statement of its affairs, 635; its branches, *ib.*, 604.
 — Exchange Company at Glasgow, 604.
 Nations: are moral agents, 671; can only be punished in their collective capacity in the present world, 713; in what way are they thus punished or rewarded? 671; the analogy between nations and public companies, 672.
 Nehemiah: the letters of, quoted with reference to the Act of 1811, 136, 140.
 New accounts: precautions in taking, 35.
 — connexions: the best way of getting them, 108.
 — joint-stock banks in England: provisions of the Act for regulating, 533.
 Newcastle: banks at, advanced money on collieries, 210; and to corn merchants, 213.
 New York: par of exchange between, and England, 334; an Act passed in that State relating to banking, 758.
 Nineveh: Josiah's prophecy against, 675.
 Northampton Tables: the probability of life by, 49.
 Northern and Central Bank: stopped payment in December, 1836, 101; could not have been assisted by the Bank of England in 1836 had the Act of 1844 been then in operation, 116; sold their branch at Leeds for £6,500*/.*, 210; debts due to the bank by their directors, 229; wound up, under the superintendence of the Bank of England, 531.
 Northern Banking Company at Belfast: its origin, 639; its capital, &c., 640; its branches, *ib.*
 Note department: what books are kept in the, 300.
 — register: describe it, 300.
 Noted: inland bills are noted, foreign bills protested, 57.
 Notes of hand: advances on, better than loans, 45.
 — in circulation: how entered in the books, 305; how to calculate the time they remain in circulation, 310.
 — on life, by J. Taylor, quoted with reference to money, 24; with reference to loans, 45.
 Notice of the dishonour of a bill of exchange: what it should import, 67; who should give it, *ib.*; when it should be given, 68; to whom it should be given, 69; must it be in writing? *ib.*
 Notices of calls on shares: form of, 382.
 Number of clerks: should not be too disproportionate to the work, 265.
 — of persons who enter a bank: how to ascertain, 358.
 — of banks of issue in the United Kingdom, 506.
 Numerous banks: not the result of competition, but of legislation, 547.
 Nursing an account: what is it? 50.

O.

- Oath of Secrecy: required in a bank deed of settlement, 525.
 Obedience to the laws: the duty of a public company, 678, 683.
 Office: the arrangement of the, 232; administration of the, 233; the arrangement of, with regard to space, light, and ventilation, *ib.*; selection and appointment of the clerks, 237; the distribution of their duties, 241; the amount of their salaries, 242; the system of promotion, 250; rules of discipline, 255; training of clerks for higher offices, 263.
 One bank of issue: a summary of the author's evidence respecting its probable effects, 424.
 Opinion, good, of their banker, has been the means of raising people from obscurity to wealth, 13.
 Opinion of clerks as to each other's qualifications are generally correct, 264.
 Order: a banker should always observe a principle of order, 29, 215.

 P.
- Paid-up capital: how is this account kept in the books? 307.
 Palmer, John Horsley, Governor of the Bank of England in 1832: his evidence of the causes of the pressure of 1825, 97.
 Panic: wherein panic differs from pressure, 96, 132, 133; produces hoarding, 134.
 Par of exchange: what is it? 354.
 Parentage: of a candidate for a clerkship, to be inquired into, 239.
 Paris: the way of estimating the relative value of gold in Paris and London, 334.
 Partners: number of, in the joint-stock banks in England, 530; in each of the Scotch banks, 544; in each of the London private banks, 436; in each of the joint-stock banks in London, 487.
 Pass-book: describe it, 283, 787.
 Past-due bills: how entered in the books, 306.
 Patriotism: the duties of, 677; obedience to the laws, 678; to enforce the laws upon others, *ib.*; to support the civil power, *ib.*; to encourage the industry, trade, and fine arts of the country, *ib.*; to maintain a high-toned morality, 679.
 Paul, St.: has twice quoted the enactment of Moses against muzzling the ox that treadeth out the corn, and applied it to the case of servants, 691.
 Payment to the Bank of England for conducting the public business, 410.
 Peel's, Sir Robert, Act of 1844: the practical administration of a bank under, 113; objections to the principle, 115; the amount of currency must fluctuate with the foreign exchanges, *ib.*; and also from a domestic demand for gold, *ib.*; a separation must take place between the banking and issuing departments of the Bank of England, *ib.*; great fluctuations would take place in the prices of the Government securities, 116; the bank would be unable to afford assistance to the commercial classes in seasons of pressure, *ib.*

- Fee, Sir Robert, his examination of the author in the Committee on Banks of Issue, 511.
- Penalty:** on drawing cheques on a bank beyond fifteen miles distant, 60; on banks that issue notes beyond the authorized amount, 498.
- Penny: origin of the word, 293; history of the penny, *ib.*
- Periods in a cycle of the currency, 149.
- Philosophy of joint-stock banking, by Mr. Bell: quotations from, 188—192.
- Phrenology: not necessary to enable a banker to know the character of his customers, 33.
- Pocket-money: how passed through the bank account, 737.
- Political economy of the Bible, 719.
- Pollard, George, manager of the London Joint-stock Bank, previously chief clerk in the private bank of Messrs. Williams, Deacon & Co., 471.
- Population of the United States, and the number of banks, 762.
- Portuguese bill: the form of one, 71.
- Poverty: it is better to prevent than to relieve, 703; produced by want of diligence, injustice, imprudent habits, neglect of religion, unkindness to the poor, 717.
- Pound: what is a pound 20353, 391.
- Prayer: it is the duty of the servants of public companies to pray for the prosperity of the company whom they serve, 692.
- Preliminary expenses: how is this account kept in the books? 307.
- Presentment of a bill: for acceptance, 59; for payment, *ib.*; when in reasonable time, 65; for payment, is legal at the clearing-house, 66; should we write presentation or presentation? 21.
- Pressure on the money market: definition of, 96, 130; preceded by a low rate of interest, speculative investments, and an unfavourable course of the foreign exchanges, 96; the pressure of 1825 was preceded by a reduction of interest on the public funds, acknowledgment of the South American Republic, speculation in commercial produce and foreign loans, failure of the banking-house of Sir Peter Pole & Co., *ib.*; pressure of 1836 was preceded by speculations of all kinds, high prices, rejection of American bills by the Bank of England, reports on the joint-stock bank, failure of the Agricultural Bank of Ireland and the Northern and Central Bank of England, 98—102; pressure of 1839 preceded by abundance of money—Bank of England sent gold to America—importation of American securities—unfavourable harvest, 102; the Bank of England obtained assistance from the Bank of France, 104; comparison between the pressures of 1836 and of 1839, *ib.*; pressure of 1847 preceded by a low rate of interest, speculations in railways, bad harvests and a high price of corn, failure of houses in the East and West India trade, facilities given to credit by the Bank of England and subsequent restrictions, failures of banks and discount brokers, 117—119; administration of a bank in a season of pressure, 105; a banker who wishes to be easy in a time of pressure must act wisely in the previous season of speculation, *ib.*; steps to be adopted on the approach of pressure, 106; in the pressure a banker has three demands on his funds, *ib.*; means to be taken to meet them, 107; no use to call up dead loans, or attempt to reduce discounts, *ib.*; a banker will have to give many refusals, 108; should be cautious in taking accounts from other bankers, *ib.*; should not attempt to get away the customers of other banks, *ib.*; how he should treat wealthy, but wandering customers, 109; how he should treat customers in difficulties who apply for assistance, 110; whether he should increase his allowance of interest on deposits, *ib.*; should pay great attention to the published returns of the Bank of England, 111; will extend his accommodation as the pressure declines, *ib.*; during pressure a banker should pay great attention to the state of his health and the discipline of his mind, 112.
- Pressure of the year 1825, 97; of the year 1836, 98; of the year 1839, 102; of the year 1847, its effect on the circulation of country banks, 511.
- how a banker should act in anticipation of one, 106; how during one, 107.
- Preston Banking Company: the only bank in England having a charter under the Act of 1844, * 657; *ib.* return of their assets and liabilities, *ib.*
- Private banks: the administrative functions of the several partners, 196; how prevented in Scotland, 576; private accounts, who inspects them, 525.
- taking the unsound business of, the cause of the failure of some joint-stock banks, 209.
- Proceedings of a general meeting of shareholders, 367.
- Profit: the source of a banker's, 3; how appropriated, 206; amount of, the London and Westminster Bank, 469; of the London Joint-stock Bank, 477; of the Union Bank of London, 480; of the Commercial Bank of London, 481.
- and loss account balance-sheet: describe it, 314.
- Profits, large: bankers must not expect under the Act of 1844, 147.
- Progressive-ledger: describe it, 290; how are the balances brought out? 281.
- Promises: must be kept, even when the keeping would be injurious to the parties who made them, 681.
- Promotion: should go by seniority, unless there is great superiority of merit, 253; should not be too rapid, 254.
- Property: has its duties as well as its rights, and its rights as well as its duties, 696; its rights are the first that are disregarded by an irreligious population, *ib.*
- Proprietors: proceedings of, have sometimes been injurious to their banks, 225—227.
- accounts: enumerate those accounts, which are placed under this

* Another is being formed, in London, to be called the British Bank.

- head in the general-ledger, 303 : how are they kept? 307.
 Proprietors' ledger: describe it, 316.
 Prosecution: the Guarantee Society have power to prosecute all parties whose frauds they make good, 395.
 Prospectus of a new bank: what it contains, 365.
 Prosperity: acquired by unrighteous means is transient, 726; and is not to be envied, 725; obtained by virtue and piety should excite joy and thanksgiving, 727; it affords pleasure to God and to men, *ib.*
 Prosperous companies should examine if they have properly discharged their moral and religious duties, 726.
 Proverbs: not found among those of Solomon, 718.
 Provident Clerks' Provident Fund: the rules of, 396.
 Provincial Bank of Ireland, 618; Act under which it was formed, 620; its objects, 621; state of banking in Ireland at the time of its formation, 622; its constitution, 623; the selection of officers, 624; the choice of directors, 626; the daily committee, 627; the inspection of branches, 629; the declaration of a dividend, 630; the causes of its prosperity, 631; last statement of its affairs, *ib.*; its branches, *ib.*
 Provisions of the Act of 1815, which regulates the issue of notes in Scotland, 541.
 —— for regulating the issue of bank notes in Ireland, 606.
 Proxy, voting by: form of letter, 367.
 Prudent habits: a source of wealth, 717.
 Prussian coin: English money reduced into, 390.
 Public companies: this is the age of, 665; are they moral agents? 666; what are their duties towards the state? 677; what are the duties arising from their social relation? 679; what are their religious duties? 693; what are their duties towards the poor? 701; will they be rewarded for the performance of moral and religious duties? 708; when? 709; how? 714; in what manner? 719; what are the deductions from this doctrine? 723.
 —— works in Scotland: promoted by means of cash credits, 575.
 Punishments: how should they be administered? 274; of banks, 711; future, 718.
- Q.
- Questions: with reference to the discounting of bills, 39.
 —— a series of, on banking calculations, 362.
 Quotations: from Taylor's Notes on Life, 24, 45; Taylor's Statesman, 25, 27, 192, 246; Bankers' Magazine, 33; Evidence given before Parliamentary Committees, 73, 491, 492, 511; Sir W. Clay, 98; Reports of Lords' Committee, 117, 122; President of America, 138—141; Bell's Philosophy of Joint-Stock Banking, 188, 192; Mill's Political Economy, 242, 243; Adam Smith's Wealth of Nations, 242, 317; Guarantee Society's Prospectus, 247, 248; Times Newspaper, 261, 592; Foster's Double Entry Elucidated, 276, 318; Babage's Economy of Machinery and Manufactures, 317; Francis's History of the Bank of England, 318; Wallace's Pocket-Guide to Commercial Book-keeping, 332; Waterston's Commercial Dictionary, 347; Waterston's Manual of Commerce, 363, 391; Notes of a Book Worm, 391; Rules of the Provident Clerks' Benevolent Fund, 396; the Cambrian, a Welsh newspaper, 414; M'Culloch's Commercial Dictionary, 451; Dr. Franklin, 10; Bailey on the Laws of Bills of Exchange, 19, &c.; Chitty on ditto, *ib.*; Byles, on ditto, 66; Glen on ditto in Scotland, 19, &c.; the Fifth Report of the London and Westminster Bank, 455; Foreign and Colonial Review, 420, 507; Reports of Parliamentary Committees, 524, 539; Bell's Letters to J. W. Gilbart, 551, 557, 560, 562; Kinnear on Exchange Companies, 601.
- R.
- Railway deposits: how managed through the banking department of the Bank of England, 128, 169.
 Railways have diminished the amount of country notes in circulation, 510; railway speculators are dangerous customers to a bank, 214; companies should not rejoice when accidents occur on a rival line, 685; have very properly prohibited smoking in their carriages, 633.
 Reader's Time Tables, 337.
 Reasonable time for presenting a bill or cheque: what is it? 65.
 Receipts: not usually given by London bankers, 283; what is the form of a shop receipt? 283.
 Re-discounting of bills: advantages and abuses of the practice, 41; not done by London bankers, 87; why not by the Scotch banks, 535.
 Reduction in the amount of fixed issues of banks since the passing of the Act of 1844, 505.
 Refusals: a banker will have to give many in seasons of pressure, 108; should always be given with courtesy, 195, 691.
 Regulations for settling the bank exchanges at Edinburgh, 593; at Dublin, 602.
 Relief granted to distressed clerks, 398.
 Religion, pure: what is it? 692; is the friend and guardian of the poor, 700.
 Religious duties: the foundation of, 670; public companies are bound to perform, 666; what are the chief that devolve upon public companies? 693; in what way will their performance be rewarded? 719.
 Remittance: banks of, 7.
 Reports: required from the banks of New York, 758; made quarterly to the Government, 759; what it must contain, *ib.*; to be published in the local newspaper, *ib.*; penalty for non compliance, 760; the comptroller may appoint a competent person to examine into the affairs of any bank, 761; the capital of banks subject to taxation, *ib.*; table of all the banks in the States, 762.
 Reproofs: how should they be administered? 275.
 Requisition notes: forms of, 379.
 Reserves of bankers: in what should they be held? 81; of the Bank of England, 102.

- Respectability : a banker is a referee as to the respectability of his customers, 10.
- Responsibility, national : the doctrine of, taught by Moses, 671; proved by history, 672; is not destructive of personal responsibility, 673; of individuals connected with public companies, 676.
- Restrictions : on the issue of the country banks, 129; on the banks of Scotland, *ib.*; and of Ireland, *ib.*
- Retaliation : a principle of righteous retaliation is the prevailing principle of the Divine government, 721; is the principle of the Mo-aile law, *ib.*; recognised in the denunciations of the prophets, *ib.*; illustrated by historical facts, 722; is agreeable to the feelings of human nature, *ib.*
- Retired : when is a ch^eque or note said to be so? 283.
- Returns : all banks to make a return to the stamp office of the names of their partners, on the *first day of January* in each year, or within *fifteen days* afterwards; the commissioners shall publish their names in some local newspaper before the *first day of March* following, 434; monthly returns of the assets and liabilities required under the new Act, 534.
- Rewards and punishments : essential to moral agency, 709; when bestowed on public companies, *ib.*; what is their nature? 714; in what manner are they bestowed? 719; what effects should they produce? 723.
- Rich men : advances to, sometimes become dead loans, 43.
- Righteousness in dealing : a source of wealth, 717.
- . Rights of property : are as sacred as any other rights, 696.
- social : divided into perfect and imperfect, 696.
- Rivalry between bankers : injurious, 226; not advisable in seasons of pressure, 108.
- Rogers's Chapters on Country Banking : a useful work, 372.
- Rome : in ancient, the merchants and bankers had an annual procession to the temple of Mercury, 694.
- Royal Bank of Ireland : its formation, 638; the last statement of its affairs, 639.
- Exchange : exhibits the religious mottoes of the City of London and the Mercers' Company, 695.
- Rules of discipline in a bank, 255.
- Rumours are ripe in seasons of pressure, 108; a banker should not occasion, 112.
- S.
- Sabbath-day : the duty of public companies to reverence, 697; its design, 698; its violation would be injurious to the poor, 699.
- Salaries : of clerks, rules respecting, 242; of managers, 228; of directors, 229.
- Sanderson & Co., bill-brokers : stopped payment through the failure of Lesley, Alexander, & Co., corn merchants, 213.
- Savings banks : in what cases money should be placed there, 738.
- at St. Clement Danes : terms for granting annuities, 401; the National Bank of Ireland acts as one, 634.
- Scale of salaries : desirable, 245.
- Scrimgeour, William Wilson : general manager of the Union Bank of London, previously a chief officer in the discount department of the Bank of England, 478.
- Scotch banks : their investments in Government securities, 82, 86.
- Scotland : principles of banking in, 5; bills drawn from, regarded as foreign, 57.
- the laws of, with reference to banking, 538; the existing banks of, 542; comparison between the banks of Scotland and those of England, 550; the laws of the currency in Scotland, 563; its cash credit system, 572; its deposit system, 579; remittances to India, 585; regulations for settling the exchanges, 593; exchange banks and exchange companies, 597; different effects of the Bank Acts of 1815 in Ireland and in Scotland, 608, 651; keeping a banker more general in Scotland than in England, 560, 730.
- banks in : list of those in existence in 1826, 543; of those formed since, *ib.*; of those now in existence, 544; of the changes that have taken place, 545; of those that have failed or wound up, 547; of the nine that remain, *ib.*; of those in Edinburgh, 549; of those in Glasgow, *ib.*; difference between Scotch banks and English banks, 550; capital of all the banks in Scotland, 552.
- branch banks in : number of, 506 more general in Scotland than in England, 550; average amount of capital and of circulation to each branch, 552; branch system leads to uniformity in charges all over Scotland, 554; branches of the Edinburgh banks have been opposed and sometimes defeated by the local banks 555; branches enable the bank to avoid re-discount, *ib.*; produce uniformity in the mode of making the exchanges, 557 enable the large banks to exercise a surveillance over the small ones, 561; the number of would be diminished if the notes under £1 were abolished, 570. •
- Scripture : proves that relations imply corresponding duties, 668; proves national responsibility, 671; family responsibility 674; collective responsibility of cities, 675; states the principles of social duties, 680; denounces those who violate the Sabbath-day, 698; enforces the duty of benevolence to the poor, 701; gives the rule for exercising it, 703; concurs with reason in regard to a future judgment, 712; all its threatenings against public bodies of men have reference to the present world, 713; do not teach that wealth is an evil, 714; nor that its enjoyments are sinful, 715; promises wealth as a reward to the pious and the virtuous, 716; specifies the virtues which are followed by wealth, 717; declares the doctrine of a righteous retribution in the present world, 721.
- Seasons of pressure : characteristics of, 97.
- of speculation : how a banker should act in them, 105.
- Secrecy : a banker will probably have to realize some in seasons of pressure, 107.
- for clerks, 247; Guarantee Societies, 248.
- Secrecy : on the part of directors and clerks enjoined in deeds of settlement, 525; form of a declaration of, 371.

- Self-dependance:** bankers should conduct their banks on a principle of, 143; should not depend on the Bank of England for assistance in seasons of pressure, 144; nor on bill-brokers, 145; nor on other banks, 146.
- ***knowledge:** necessary to a banker, 25.
- Seniority:** should be observed in the promotion of clerks, unless there are special reasons for the contrary, 258.
- Servants:** he who keeps a banker need not trust his money to his servants, 4; duties of banks towards, 690; duty of servants towards the bank, 691; advantages of religious ones, 707; advantage to a bank of educated ones, 708.
- of banks and other public companies: what are their duties? 691.
- Shareholders' register:** describe it, 314.
- in joint stock banks: are liable to the full extent of their property for all the debts of the bank, 460, 523; the same under the new charters, 535; the same in Scotland, 538, 549; and in Ireland, 616; they choose the directors, 524; can dissolve the company, 526; have sometimes acted unwisely, 226; their conduct towards the servants of the bank, 688.
- Shares in bank:** under the new Act cannot be less than 100*l.*, 534; amount of in the joint-stock banks of London, 487; of the banks of Scotland, 544; of the banks at Belfast, 640; banks formed under the new Act not allowed to purchase or make advances on their own shares, 534; existing banks not thus restricted, 525; prices of shares in the banks of Scotland, 544.
- Shares in public companies:** advances on by bankers, become dead loans, 44.
- Shilling:** the origin of the word, 392.
- Signature-book:** describe it, 282.
- Silver:** its specific gravity, 353; how coined, *ib.*
- Sift:** the besetting, 25, 228.
- Singing:** in moderation, good for the health of bank clerks, 258.
- Single entry:** wherein does it differ from double entry, 332.
- Singular:** is the word "bank" singular or plural? 15.
- Situation-book for clerks:** where is one kept? 400.
- Small banks:** the evil of, 200; the result of legislation, 547, 656.
- Smee, Alfred:** the surgeon to the Bank of England, 259.
- William Rae: his improvements in the book-keeping of the Bank of England, 318.
- Smith, Adam:** his observations on wages, 242; on the division of labour, 317.
- Smoking:** in the street and in places of public resort, is improper, 693.
- Smuggling:** in what cases a smuggling consideration vitiates a bill of exchange, 61.
- Social duties:** 679; speak ye every man the truth, 680; ye shall not steal, nor *deal falsely, ib.*; let not wickedness dwell in thy tabernacles, 681; speak not evil one of another, 682; meddle not with them which are given to change, 683; love thy neighbour as thyself, 684; if thine enemy be hungry, feed him, *ib.*; do what is just though the law may not require it, 685; be all of one mind, pitiful, courteous, 687; use hospitality, 689; oppress not a stranger, *ib.*; give to your servants what is just and equal, 690; servants be obedient to your masters, 691; visit the fatherless and widows in their affliction, 692; do good unto all men, 693.
- Social position:** the efficiency of a manager will depend upon, 223; those who have risen in the world should entertain kind feelings towards the class from whence they have sprung, 689; social life among the Hebrews, 692.
- **relations:** are the foundation of social duties, 668; public companies are capable of sustaining, *ib.*
- Sovereignty of the Law:** in the proceedings, 723.
- Space:** an important consideration in the construction of a bank, 233.
- Spanish bill:** the form of one, 71.
- Special contracts:** forms of, used previous to 1844, when a banking company could not sue by its public officer, 382.
- Speculation, reckless:** has been the ruin of companies as well as of individuals, 683.
- Speculations:** are produced by a low rate of interest, 97; are the precursors of pressure, 105.
- Speculative customers:** troublesome to bankers, 41.
- investments: usually precede a season of pressure, 97.
- Stamp-duty on notes:** how to calculate the composition of, 340.
- Stamps:** on bills of exchange, 61; on receipts on transfer of shares, 315; on bank notes, 495.
- State:** duties of public companies towards the, 677.
- Statement-book:** a printed collection of the weekly statements of the affairs of a bank bound together, is so called, 313, 747.
- Statesman, the, by Mr. Taylor:** quotations from, on decision, 21; on making use of other men, 27; on the age of members of public boards, 192; on the union of wisdom and goodness, 240; on the salaries of clerks, 246; on the rules of promotion, 253.
- Stationery:** in a bank, is under the care of the chief clerk, 256.
- St. Marylebone Bank:** wound up, and its business transferred to the London and Westminster Bank, 488.
- Stewart, P. M., M.P.:** letter from the author to, on the exchange banks, 307.
- Stock-book:** describe it, 299.
- brokers' charges, 345.
- Exchange: explanation of its operations, 90; bankers' loans there, 93; the Dublin, 659.
- jobbers: wherein different from stock-brokers, 92.
- purchase of: how to calculate, 344.
- receipt: form of one, 91.
- Stolen note, or bill of exchange:** the law respecting, 63.
- Strahan, James:** has familiarly described the operations of country banking, 734.
- Stuckey, Vincent, the late:** his opinion on investments, 81.
- Supplementary-waste-books:** describe them, 324.
- Surplus fund, a:** the nature of, 206; how appropriated, *ib.*; the advantages of, 208;

- how kept in the books, 308; amount of among the joint-stock banks, 527—530.
- funds: administration of a bank with regard to the employment of, 77.
- Suspension of the Act of 1844: was its condemnation, 117; may be suspended again, 140.
- Swedish bill: the form of one, 71.
- System: a want of, has caused the ruin of some banks, 215; a banker should observe, 29.
- T.
- Table: showing the number of days the different denomination of notes remain in circulation, 342; showing the relative value of gold in London, Paris, Hamburg, and Amsterdam, 389; table of English money reduced into foreign, 390, 391; table of the terms on which Government annuities are granted for 307, and under, 401; comparative view of the expectation of life according to different tables of mortality, 402; of the circulation of notes by the branches of the Bank of England, 416; ditto, of drafts, 417, amount of transactions in the clearing, 447, 448; capital, profits, dividends, and surplus fund of the London and Westminster Bank, 469; ditto of the London Joint-stock Bank, 477; ditto of the Union Bank of London, 480; ditto of the Commercial Bank of London, 481; of the affairs of all the London joint-stock banks, 487; of stamp-duties on country notes, 495; reduction of the fixed issue of notes in England, 505; circulation of the private and joint-stock banks from 1815 to 1848, 511; of all the country joint-stock banks in England, 527; the joint-stock banks that have stopped, 530; those that have wound-up, 531; those that have stopped and resumed, 532; those that have merged in other banks, *ib.*; banks of Scotland in 1826, 543; banks since formed, *ib.*; existing banks in Scotland, 544; changes in Scotch banks, 545; circulation of notes in Scotland, 1834 to 1839, 564; ditto in 1846 to 1848, 565; notes and gold, 1842 to 1847, 566; circulation of each bank during 1848, 565; ditto, in March 1849, 569; of the banks of Belfast, 640; circulation of notes in Ireland, 644; returns from the banks of issue in Ireland, 652; circulation and coin in Ireland, 653.
- Taking accounts from other banks, 36, 108.
- Talents, banking: as rare and as important as those necessary to obtain eminence in another pursuit, 23.
- Taxes: on the transfer of property, are pernicious, 600; restrictions on banks are taxes on the public, 566.
- Taylor's Notes on Life: quotation from, on money, 24; respecting loans, 45.
- Statesman, quoted: on decisiveness, 25; on the choice of instruments, 27; the correspondence between goodness and wisdom, 210; on the salaries of clerks, 246; on the promotion of clerks, 253.
- Teller's department in a bank, 250.
- Temper, hasty: a defect in a banker, 25; is tried by being kept waiting a long time at a banker's counter, 236.
- Terms: used in book-keeping, 283.
- Tester, an old coin: why so called, 392.
- Testimonials: to be received with caution, 240; may be negatively useful, *ib.*
- Till: the amount of cash a banker keeps in his till, how regulated, 78.
- Time: a banker should know how to economize, 28; modes of doing this, 29; time saved in keeping a banker, 733.
- bargains on the stock exchange explained, 92.
- is saved: by the employment of assistants, 28; by methodical habits, 29; by the shortening of interviews, *ib.*; by a banker having general principles, 33.
- Tipperary Joint-stock Bank, 641; its arrangement with the Bank of Ireland, *ib.*; its branches, 642.
- Tradesman: saves trouble in keeping a banker, 8.
- Training: of clerks for higher offices, 263; their number should be proportionate to their work, 265; their labour should be so apportioned as that each office should be a training for the one above it, *ib.*; they should have reasonable holidays, when the junior should do the work of his senior, 266; they should all be exercised at the daily balance, 267; those in training for managers should be assigned those duties which are the most intellectual, 268; should not receive too many minute instructions, 270.
- Transfer of stock, 346; in Ireland, 659.
- register: describe it, 315; deed of transfer, form of, 283.
- Transmission of money: effected by banks, 6, 494.
- Travellers, commercial: derive advantages from banks, 7.
- Trial paper: what is it? 310.
- Troy weight: gold and silver weighed by, 352.
- Truth: cases in which public companies should especially adhere to, 680.
- U.
- Ulster Banking Company, at Belfast: its formation, 639; statement of its affairs, 640; and branches, *ib.*
- Uncharitable: public companies should not be so in their judgment of each other, 724.
- Union Bank of London: its formation, 478, its capital, profits, dividends, and surplus fund, 480; its prospectus, 715.
- Union Guarantee and Life Assurance Company, 218.
- Exchange Company, Glasgow, 601.
- United States of America: their population, and the number, capital, and circulation of all their banks, 762. *See America.*
- Universality, a moral: differs from one that is metaphysical or physical, 711.
- Unjust charges against banks of issue: prevented by the Act of 1844, 501.
- Unpaid-list: describe the book so called, 294.
- Unsanctified property: is transient, and is not to be envied, 725, 726.

Unsuccessful companies: should inquire if they have properly discharged their moral and religious duties, 726.

Usury: in what cases a usurious consideration vitiates a bill of exchange, 61; present laws of usury, *ib.*

Utility of banking: banks are places of security for money, 4; interest allowed on deposits, 5; make advances to people who want to borrow, 6; transmit money from one part of the country to another, *ib.*; supply the kind of currency that is required, 7; there is a great saving of time in money transactions, 8; saves expense to merchants and others who keep bankers, *ib.*; are referees as to respectability, 10; are a means of obtaining information about parties, *ib.*; supply a record of annual expenditure, 11; are a secure place of deposit for deeds, papers, or other property, 12; means of obtaining useful information as to monetary transactions, *ib.*; have a powerful influence on the morals of society, 13.

V.

Ventilation: an important consideration in the construction of a bank, 234.

Virtue: always associated with wisdom, 210.

Virtues, commercial: bankers are the public conservators of, 13; virtues that produce wealth, 716.

W.

Wages: those who pay, derive advantages from banks, 8; laws by which they are governed, 212.

Waste-books: Received-Waste-Book, describe it, 285; who keeps this book? 286; how do you enter Bank of England notes? cheques, country notes and coin? 285; how is it ruled in the horizontal system, and how does it check itself? 320. Paid-Waste-Book: how is it ruled? 286; when a cheque is paid, how do you make the entry? *ib.*; how is this book ruled in the horizontal system? 321; how will it check itself? 323. Merchants' Waste-Book, 327.

Waterston's Commercial Dictionary quoted, 317; his Compendium of Commerce referred to, 363, 391.

Wealth: is a blessing, 714; its enjoyments not sinful, 715; the means of obtaining, 716; ill-gotten, is soon lost, 725.

Weekly balance: describe it, 310. — returns, under the Act of 1844, 178.

Weighing sovereigns: troublesome, 8.

West of Scotland Exchange Investment Company, 604.

Westminster Review of January, 1841: an article written by the author published in, 114. *See* Currency and Banking.

Widows: public companies should have funds for relieving, 693; mining and railway companies should relieve those whose husbands have been killed in their works, *ib.*

Wife: should examine the banker's account when the husband is too lazy to do so, 738; should have a separate account in her own name for domestic expenses, 736; her acceptance of a bill is not binding on the husband, unless she had his authority to act as his agent, 62.

Winding-up Act, 1818: an Act for winding up the affairs of trading companies, including joint-stock banks, 536.

Wisdom: more necessary than talents in a banker, 23; implies prudence and discretion, 26; to hearken unto counsel, a proof of, 729.

Wise to act: more difficult to a banker in a season of speculation than in a season of pressure, 105.

Wool speculators: banks have lost money through advances to, 214.

Worship, public: public companies should support, 696.

Wright & Co., private bankers, in Henrietta-street, Covent-garden: their premises now occupied by the Commercial Bank of London, 481; some of the partners engaged as managers of the Western Branch of the London Joint-stock Bank, 473.

Writer: a good one should be appointed to write up the customers' books, 261.

Writing well: importance of, 277, 278.

— masters: their mode of teaching, 278.

Y.

Young men of good character: how benefited by cash credits, 573.

By the same Author.

THE HISTORY AND PRINCIPLES OF BANKING.

Third Edition. Price 9*s.*

**LECTURES ON THE HISTORY AND PRINCIPLES
OF ANCIENT COMMERCE.**

Price 7*s. 6d.*

NEW WORKS

IN
MISCELLANEOUS & GENERAL LITERATURE.

PUBLISHED BY
MESSRS. LONGMAN, BROWN, GREEN, AND LONGMANS,
PATERNOSTER ROW, LONDON.

Classified Index.

Agriculture and Rural Affairs.

	Pages.
Baldwin On valuing Rents, &c.	7
Crocker's Land-Surveying	7
Johnson's Farmer's Encyclopedia	14
Loudon's Agriculture	17
" Self-Instruction	17
" Lady's Country Companion	17
Low's Elements of Agriculture	18
" Cattle Breeds	18
" On Landed Property	18
" On the Domesticated Animals	18
Parnell On Roads	23
Thomson On Fattening Cattle	30

Arts and Manufactures.

	Pages.
Baker's Railway Engineering	3
Ball on Manufacture of Tea	3
Brande's Dictionary of Science, &c.	3
Budge's Miner's Guide	5
Cartoon (The Prize)	6
Cresy's Civil Engineering	7
D'Aguincourt's History of Art	7
Dresden Gallery	8
Eastlake On Oil Painting	8
Evens's Sugar-Planter's Manual	9
Fengessou's On Architecture, &c.	9
Gwilt's Encyclop. of Architecture	11
Hay's On Painting and Design	11
Holland's Manufactures in Metal	11
Jameson's Sacred and Legendary Art	14
London's Rural Architecture	14
Mowsey's Engineering	22
Porter's Manufacture of Silk	22
" Porcelain & Glass	22
Reid (Dr.) On Ventilation	24
Saffron On Sugar Manufacture	26
Steam Engine, by the Artisan Club	28
Twining On Painting	31
Ure's Dictionary of Arts, &c.	31
Wood On Railroads	32

Biography.

	Pages.
Andersen's (H. C.) Autobiography	3
Bell's English Poets	5
Colman's Life of Collins	6
Dunham's Early British Writers	15
" Lives of British Dramatists	15
Forster's Statemen	15
Foxe's English Judges	10
Gloag's Military Commanders	15
Grant's Memoir & Correspondence	15
Humphreys's Black Prince	13
James's Life of the Black Prince	14
" Foreign Statesmen	15
Kingsley's De Buryard	14
Leslie's Life of Constable	16
Mackintosh's Life of Sir T. More	19
Maurader's Biographical Treasury	21
Roscoe's British Lawyers	15
Russell's Bedford Correspondence	4
Shelley's Literary Men of Italy, &c.	15
" French Writers	15
Southey's British Admirals	15
" Life of Wesley	28
" Life and Correspondence	28
Stephen's Ecclesiastical Biography	29
Taylor's Loyola	30
Townsend's Eminent Judges	31
Waterton's Autobiography & Essays	32

Books of General Utility.

	Pages.
Action's Cookery	3
Black's Treatise on Brewing	4
Cabinet Lawyer	5
Donovan's Domestic Economy	6
Hints on Etiquette	12
Hudson's Executor's Guide	12
" On Marine Affairs	13

Geography and Atlases.

	Pages.
Butler's Geography and Atlases	5 & 6
De St. Lezen's New South Wales	8
Erman's Travels through Siberia	10
Foster's Great Bay of Arabia	10
Halli's Large Library Atlas	11
McCulloch's Geographical Dictionary	19
Mitchell's Australian Expedition	21
Murray's Encyclopedia of Geography	22
" A Manual of Modern Travel	23

History and Criticism.

	Pages.
Barrett's Bible Criticisms	4
Bell's History of Russia	4
Blair's Chron. and Histor. Tables	4
Bloomfield's Edition of Thucydides	4
" Translation of do.	4
Bunsen's Ancient Egypt	5
Coad's Memorandum	6
Conybeare and Howson's St. Paul	6
Orcet's History of France	15
De Sismondi's Fall of Roman Empire	15
" Italian Republics	15
Dunham's Spain and Portugal	15
" Middle Ages	15
" German Empire	15
" Denmark, Sweden, &c.	15
" Poland	15
Dickens' History of Fiction	8
Eastlake's History of Oil Painting	8
Ecclestone's English Antiquities	9
Fergus's United States	10
Ferguson's On Art	9
Foss's English Judges	10
Foster's European Literature	10
Gibbon's Roman Empire	10
Grattan's Memoir & Correspondence	10
Grant's Netherlands	10
Grimblot's Wm. III. & Louis XIV.	11
Harrison's On the English Language	11
Haydon On Painting and Design	11
Historical Pitts. of the Middle Ages	12
Humphrey's Black Prince	13
J. Frey's (Lord) Contributions	13
King's (Lord) Collected History	15
Kemble's Anglo-Saxons	14
Laud's Kings of Norway	14
Macaulay's Crit. and Hist. Essays	18
" History of England	18
Mackintosh's Miscellaneous Works	15
" History of England	15
McCulloch's Geographical Dictionary	19
Munder's Treasury of History	21
Merivale's History of Rome	21
Milner's Church History	21
Moore's History of Ireland	15
Mosheim's Ecclesiastical History	22
Mure's Ancient Greece	22
Nicola's Chronology of History	15
Passages from Modern History	24
Ranke's History of the Reformation	24
Rich's Comp. to Latin Dictionary	24
Riddle's Latin Dictionaries	25
Rome, History of	25
Rowton's British Poetesses	25
Russell's Bedford Correspondence	4
Scott's History of Scotland	21
Smith's (Sir) Days of History	28
Smith's Latin Church	28
Snowden's The Doctor, &c.	28
Stobbing's History of the Church	15
" History of Reformation	15
Stephen's Church of Scotland	29
" (Sir T.) Essays	29
Switzerland, History of	15
Sydney Smith's Works	25
Taylor's Loyola	30
Thirlwall's History of Greece	30
Tooke's History of Prices	31
Turner's History of England	31
Twining's Philosophy of Painting	31
Zumpt's Latin Grammar	32

Juvenile Books.

	Pages.
Amy Herbert	26
Gertrude	26
Hoffitt's Boy's Compt. Book	13
" (Mary) Children's Year	13
Lantern Parsonage	26
Mrs. Marct's Conversations	19 & 20
Margaret Peacock	26
Mr. Cat's Miser	20
" Mission	20
" Settlers in Canada	20
" Privateer's Man	20
Passages from Modern History	28
Deacon's English Reading	24

Medicine.

	Pages.	Age.
Bull's Hints to Mothers	5	17
" Management of Children	6	17
Copland's Dictionary of Medicine	7	19
Elliottson's Human Physiology	9	23
Holland's Medical Notes	12	23
Latham On Diseases of the Heart	16	23
Pereira On Food and Diet	23	30
Thomson On Food	-	-

Miscellaneous.

Allen On Prerogative	3	17
Cartoons (The Prize)	6	17
Coad's Memorandum	6	17
Colton's Lacon	6	17
De Jaenisch on Glass Openings	7	17
De la Gravière's Last Naval War	8	17
De Morgan On Probabilities	15	18
De Strzelecki's New South Wales	8	17
Disney's Museum Discrepancy	8	17
Dresden Gallery	8	17
Dunlop's History of Fiction	8	17
Graham's English	10	17
Grant's Letters from the Mountains	10	17
Hooker's Kew Guide	-	17
Howitt's Rural Life of England	13	17
Visits to Remarkable Places	13	17
" Domestic Life of Germany	13	17
" Colonisation & Christianity	13	17
Jeffreys' (Lord) Contributions	14	17
Loudon's Lady's Country Comp.	17	17
Macaulay's Art, and Hist. Essays	18	17
Mackintosh's Miscellaneous Works	18	17
McCulloch On Succession to Property	20	17
Macmillan's Charter in the Catacombs	19	17
Neecker De Sausseur On Education	23	17
Farrel's Works by Different Authors	23	17
" Provincial Letters, by do.	23	17
Plunkett On the British Navy	24	17
Poyntz's Colloquy's Guide	24	17
" English Reading	24	17
Richter's Comp. to Latin Dictionary	24	17
Richter's Lexana	25	17
Riddle's Little Dictionaries	25	17
Ridder's Debate	25	17
Seward's Narrative of his Shipwreck	26	17
Sir Roger de Coverley	27	17
Smith's (Rev. Sydney) Works	27	17
Southery's Common place Book	28	17
" The Doctor, &c.	28	17
Stephen's Essays	29	17
Sutor's Instructor	29	17
Thomson On Food	30	17
Walker's Chess Studies	31	17
Zumpt's Latin Grammar	32	17

Natural History.

Catlow's Popular Conchology	6	17
Doubleday's Butterflies and Moths	11	17
Gray and Mitchell's Birds	15	17
Kirby and Spence's Entomology	15	17
Lev's Taxidermy	16	17
" Elements of Natural History	16	17
Maundays' Natural History	20	17
Stephens' British Beetles	20	17
Swanson's Study of Natural Hist.	21	17
" Animals	15	17
" Taxidermy	15	17
" Quadrupeds	15	17
" Birds	19	17
" Animals in Menageries	15	17
" Fish, Amphibia, &c.	15	17
" Insects &c.	15	17
" Malacology	15	17
" Habits and Instincts	15	17
Turton's Shells of the British Islands	31	17
Waterton's Essays on Natural Hist.	32	17
Westwood's Classification of Insects	32	17

Novels and Works of Fiction.

Dunlop's History of Fiction	8	17
Edov's Village Notary	9	17
Hall's Midsummer Eve	11	17
Lady Willoughby's Diary	32	17
Landor's Fountain of Artesia	16	17
Mac Gregor de Malgurat	19	17
Marryat's Masterman Ready	20	17
" Mission	20	17
Senior's Charles Vernon	26	17
Sinclair's Sir Edward Graham	27	17
Sir Roger de Coverley	27	17
Sketches (The)	27	17
Southery's The Doctor, &c.	27	17
Twelve Years Ago: a Tale	31	17

Vol. Cyclopedias & Dictionaries.

Blaine's Rural Sports	4	17
Brande's Science, Literature, & Art	5	17
Copland's Dictionary of Medicine	7	19
Cresy's Civil Engineering	7	17
Gwilt's Architecture	11	17
Johnson's Farmer's Encyclopaedia	14	17
London's Agriculture	-	17
" Rural Architecture	17	17

Loudon's Gardening	-	17
" Plants	-	17
" Trees and Shrubs	-	17
McCulloch's Geographical Dictionary	19	17
" Dictionary of Commerce	21	17
Murray's Encyclop. of Geography	23	17
Ure's Dictionary of Arts, &c.	31	17
Webster's Domestic Economy	32	17

Poetry and the Drama.

Aikin's (Dr.) British Poets	-	3
Chaderton's Walter Gray	-	6
Flowers and their kindred Thoughts	9	17
Fruits from Garden and Field	10	17
Goldsmith's Pictures Illustrated	10	17
Gray's Elegy, Illuminated	11	17
Hay's Moral of Flowers	12	17
" Syllab. Musicks	12	17
Le. E. the Poet's Work	12	17
Linwood's Anthology Oxoniensis	17	17
Macaulay's Laws of Ancient Rome	18	17
Mackay's English Lakes	18	17
Montgomery's Poetical Works	21	17
Moore's Poetical Works	22	17
" Lalla Rookh	22	17
Irish Melodies	22	17
Songs and Ballads	22	17
Routson's British Poetesses	22	17
Shakspeare, by Bowdler	26	17
Songs, Madrigals, and Sonnets	28	17
Southery's Poetical Works	28	17
" British Poets	28	17
Swain's English Melodies	28	17
Thomson's Seasons illustrated	30	17
" edited by Dr. A. T. Thomson	30	17

Smith's (G.) Perilous Times	-	Page
" Religion of Anc. Britains	27	
" Sacred Annals	27	
" (Sydney) Sermons	27	
" (J.) St. Paul	28	

Soames' Latin Church	-	28
Solomon's Song, illuminated	-	28
Southey's Life of Wesley	-	28
Stephens' Church of Scotland	-	28
Tate's History of St. Paul	-	29
Taylor's Lady Mary	-	29
" Margaret; or, the Pearl	-	29
" (Isaac) Loyola	-	29
Thumb Bill (The)	-	30
Tomliffe's Introduction to the Bible	-	30
Turner's Sacred History	-	30
Twelve Years Ago	-	30
Walker's Elementa Iurisprud.	-	32
Wardlaw's Socinian Controversy	-	32
Wilberforce's View of Christianity	-	32
Wilson's Lands of the Bible	-	32
Wisdom of Johnson's Rambler, &c.	11	32
Woodcock's Scripture Lands	-	32

Rural Sports.

Blaine's Dictionary of Sports	-	4
Ephemer. on Angling	-	4
Hawthorn's Game	-	4
Hawker's Instructions to Sportsmen	-	4
London's Lady's Country Comp.	-	4
Pocket and the Stud	-	4
Stable Talk and Table Talk	-	4
The Stud, for practical purposes	-	29

The Sciences and Mathematics.

Baker's Railway Engineering	-	3
Brande's Dictionary of Science, &c.	-	5
Brewster's Optics	-	15
Conversations on Mineralogy	-	6
Cresy's Civil Engineering	-	7
De Li Beche's Geology of Cornwall, &c.	8	
Donovan's Chemistry	-	15
Fahey On the Steam Engine	-	9
Fiske's History of the Ancient Arts, &c.	15	
Gower's Scientific Phenomena	-	10
Herschel's Natural Philosophy	-	15
" Astronomy	-	15
" Outlines of Astronomy	-	15
Holland's Manufactures in Metal	-	15
Humboldt's Aspects of Nature	-	15
" Cosmos	-	15
Hunt's Researches on Light	-	14
Kane's Chemistry	-	14
Kater and Lardner's Mechanics	-	15
Lardner's Cabinet Cyclopaedia	-	15
" Hydrostatic & Pneumatics	-	15
" and Walker's Electricity	-	15
" Arithmetic	-	15
" Geometry	-	15
" Treatise on Heat	-	15
Low's Chemistry	-	18
Marct's (Mrs.) Conversations	19	20
Mattheucci on Physical Phenomena	-	20
Memoirs of the Geological Survey	-	21
Morley's Practical Mechanics	-	21
Engineering Arch. - et cetera	22	
Owen's Lectures Comp. Anatomy	23	
Peschel's Elements of Physics	-	23
Philipps's Fossils of Cognac, &c.	21	
" Mineralogy, by Miller	-	24
" Treatise on Geology	-	24
Porthlock's Geology of London	-	24
Powell's Natural Philosophy	-	24
Rutledge on Railways	-	25
Schleiden's Scientific Botany	-	26
Steam Engine, The	-	3
Thomson's School Chemistry	-	30

Travels.

Borre's Africa	-	5
Costello's North Wales	-	7
Coulier's California &c.	-	7
" Pacific	-	7
De Strzelecki's New South Wales	-	8
Dunlop's Central America	-	8
Erman's Travels through Siberia	-	9
Gaskell's sights in Italy	-	10
Head's Town in Rome	-	12
Humboldt's Aspects of Nature	-	13
Kip's Holidays in Rome	-	11
Laing's Tour in Sweden	-	15
Mackay's English Lakes	-	18
Marryat's Romeo	-	20
Mitford's Australian Expedition	-	21
Parrat's Ascent of Mount Ararat	-	23
Power's New Zealand Sketches	-	23
Scaward's Narrative	-	26
Von Orlitz's Travels in India	-	31
Wilson's Travels in the Holy Land	-	32
Woodcock's Scripture Lands	-	32

Veterinary Medicine, &c.

Pocket and the Stud	-	24
Stal'y Talk and Table Talk	-	29
Stal'd (The)	-	29
Thomson On Fattening Cattle	-	30

NEW WORKS AND NEW EDITIONS,

PUBLISHED BY

MESSRS. LONGMAN, BROWN, GREEN, AND LONGMANS,
PATERNOSTER ROW, LONDON.

ACTION.—MODERN COOKERY,

In all its Branches, reduced to a System of Easy Practice. For the use of Private Families. In a Series of Receipts, all of which have been strictly tested, and are given with the most minute exactness. By ELIZA ACTION. New Edition : with Directions for Carving, and other Additions. Fep. 8vo. with Plates and Woodcuts, 7s. 6d. cloth.

"The whole of Miss Action's recipes, 'with a few trifling exceptions, which are scrupulously specified, are confined to such as may be perfectly depended on, from having been proved beneath our own roof, and under our own personal inspection.' We add, moreover, that the recipes are all reasonable, and never 'in any instance extravagant. They do not bid us sacrifice ten pounds of excellent meat, that we may get a couple of quarts of gravy from it; nor do they deal with butter and eggs as if they cost nothing. Miss Action's book is a good book in every way; there is right-mindedness in every page of it, as well as thorough knowledge and experience of the subjects she handles."

MEDICAL GAZETTE.

AIKIN.—SELECT WORKS OF THE BRITISH POETS,

From Ben Jonson to Beattie. With Biographical and Critical Prefaces by Dr. AIKIN. New Edition, with Supplement, by LUCY AIKIN ; consisting of additional Selections from more recent Poets. 8vo. 18s. cloth.

ALLEN ON THE ROYAL PREROGATIVE.—AN INQUIRY

into the RISE and GROWTH of the ROYAL PREROGATIVE. By the late JOHN ALLEN, Master of Dulwich College. New Edition, with the Author's last corrections : preceded by M. Berenger's "Rapport" on the Work read before the Institute of France; an Article on the same from the EDINBURGH REVIEW; and a Biographical Notice of the Author. To which is added, an Inquiry into the Life and Character of King Eadwig, from the Author's MS. 8vo. [Nearly ready.]

ANDERSEN.—THE TRUE STORY OF MY LIFE :

A Sketch. By HANS CHRISTIAN ANDERSEN, Author of "The Shoes of Fortune," "The Nightingale," "O. T.," "Only a Fiddler," "The Improvisatore," &c. Translated by MARY HOWITT. Fep. 8vo. 5s. cloth.

THE ARTISAN CLUB.—A TREATISE ON THE STEAM

ENGINE, in its Application to Mines, Mills, Steam Navigation, and Railways. By the Artisan Club. Edited by JOHN BOURNE, Esq. New Edition. With 30 Steel Plates and 349 Wood Engravings. 4to. 27s. cloth.

BAKER.—RAILWAY ENGINEERING ;

Containing the most approved Methods of laying out Railway Curves, and of setting out the Cuttings, Embankments, and Tunnels of Railways : with a General and two Auxiliary Tables, for the Calculation of Earthworks of Railways, Canals, &c. Also, the Investigation of the Formula for the Superelevation of the exterior Rail in Curves. By T. BAKER, Surveyor and Civil Engineer. 8vo. 5s. cloth.

BALL.—AN ACCOUNT OF THE CULTIVATION AND MANUFACTURE OF TEA in CHINA :

derived from Personal Observation during an Official Residence in that Country of upwards of Twenty years; and illustrated by the best Authorities, Chinese as well as European. With some Remarks on the Experiments now making for the Introduction of the Culture of the Tea Tree in other parts of the World. By S. BALL, Esq., late Inspector of Teas to the East India Company in China. 8vo. with Plates and Woodcuts, 14s. cloth.

BANFIELD AND WELD.—THE STATISTICAL COMPANION ;

exhibiting the most interesting Facts in Moral and Intellectual, Vital, Economical, and Political Statistics, at home and abroad. Compiled from Official and other authentic Sources, by T. C. BANFIELD, Statistical Clerk to the Council of Education; and C. R. WELD, Assistant-Secretary to the Royal Society. Fep. 8vo. 5s. cloth.

NEW WORKS AND NEW EDITIONS.

BARRETT.—A SYNOPSIS OF CRITICISMS UPON THOSE

PASSAGES of the OLD TESTAMENT in which Modern Commentators have differed from the Authorised Version; together with an Explanation of various Difficulties in the Hebrew and English Texts. By the Rev. RICHARD A. F. BARRETT, M.A. Fellow of King's College, Cambridge. Vols. I. and II. 8vo. 28s. each, cloth; or, in 4 Half-vols. 14s. each. Also, Half-vol. V. 14s. cloth.

BAYLDON.—ART OF VALUING RENTS AND TILLAGES,

And the Tenant's Right of Entering and Quitting Farms, explained by several Specimens of Valuations; and Remarks on the Cultivation pursued on Soils in different Situations. Adapted to the Use of Landlords, Land-Agents, Appraisers, Farmers, and Tenants. By J. S. BAYLDON. New Edition; corrected and revised by John Donaldson. 8vo. 10s. 6d. cloth.

BEDFORD CORRESPONDENCE.—CORRESPONDENCE OF

JOHN, FOURTH DUKE OF BEDFORD, selected from the Originals at Woburn Abbey (1742 to 1770). With, Introductions by Lord JOHN RUSSELL. 3 vols. 8vo. with Portrait, 48s. cloth.

BLACK.—A PRACTICAL TREATISE ON BREWING,

Based on Chemical and Economical Principles: with Formulae for Public Brewers, and Instructions for Private Families. By WILLIAM BLACK, Practical Brewer. New Edition, with considerable Additions. 8vo. 10s. 6d. cloth.

"It is a good many years since we noticed Mr. Black's Treatise, as we have chronicled at intervals its successive editions and their improvements. For the practical purposes of the professional or family brewer, we suppose it is the best book extant."

SPECTATOR.

BLAINE.—AN ENCYCLOPÆDIA OF RURAL SPORTS;

Or, a complete Account, Historical, Practical, and Descriptive, of Hunting, Shooting, Fishing, Racing, and other Field Sports and Athletic Amusements of the present day. By DR. LEBERE P. BLAINE, Esq. Author of "Canine Pathology," &c. Illustrated by nearly 600 Engravings on Wood, by R. Branston, from Drawings by Alken, T. Landseer, Dicke, &c. 8vo. £2. 10s. cloth.

BLAIR'S CHRONOLOGICAL AND HISTORICAL TABLES,

From the Creation to the present time: with Additions and Corrections from the most authentic Writers; including the Computation of St. Paul, as connecting the Period from the Exode to the Temple. Under the revision of Sir HENRY ELLIS, K.H., Principal Librarian of the British Museum. Imperial 8vo. 31s. 6d. half-bound in morocco.

BLAKLEY.—THE TEMPORAL BENEFITS OF CHRISTIANITY;

Exemplified in its Influence on the Social, Intellectual and Political Condition of Mankind, from its First Promulgation to the Present Day. By ROBERT BLAKLEY, Author of the "History of the Philosophy of Mind," &c. 8vo. 9s. cloth.

BLOOMFIELD.—HISTORY OF THE PELOPONNESIAN WAR.

By THUCYDIDES. A New Recension of the Text, with a carefully amended Punctuation; and copious Notes, Critical, Philological, and Explanatory, principally original, partly selected and arranged from the best Expositors: accompanied by full Indexes, both of Greek Words and Phrases explained, and matters discussed in the Notes. Illustrated by Maps and Plans. By the Rev. S. T. BLOOMFIELD, D.D. F.S.A. 2 vols. 8vo. 38s. cloth.

BLOOMFIELD.—HISTORY OF THE PELOPONNESIAN WAR.

By THUCYDIDES. Translated into English, and accompanied by very copious Notes, Philological and Explanatory, Historical and Geographical. By the Rev. S. T. BLOOMFIELD, D.D. F.S.A. 3 vols. 8vo. with Maps and Plates, £2. 5s. boards.

BLOOMFIELD.—THE GREEK TESTAMENT:

With copious English Notes, Critical, Philological, and Explanatory. Especially formed for the use of advanced Students and Candidates for Holy Orders. By Rev. S. T. BLOOMFIELD, D.D. F.S.A. New Edition. 2 vols. 8vo. with a Map of Palestine, £2. cloth.

BLOOMFIELD.—COLLEGE & SCHOOL GREEK TESTAMENT:

With shorter English Notes, Critical, Philological, and Explanatory, formed for use in Colleges and the Public Schools. By the Rev. S. T. BLOOMFIELD, D.D. F.S.A. New Edition, greatly enlarged and improved. Fcp. 8vo. 10s. 6d. cloth.

BLOOMFIELD.—GREEK AND ENGLISH LEXICON TO THE

NEW TESTAMENT: especially adapted to the use of Colleges, and the Higher Classes in Public Schools; but also intended as a convenient Manual for Biblical Students, in general. By Dr. BLOOMFIELD. New Edition, enlarged and improved. Fcp. 8vo. 10s. 6d. cloth.

THE BOOK OF RUTH.

From the Holy Scriptures. Embellished with brilliant coloured Borders, selected from some of the finest Illuminated MSS. in the British Museum, the Bibliothèque Nationale, Paris, the Soane Museum, &c.; and with highly-finished Miniatures. The Illuminations executed by H. N. HUMPHREYS, Illuminator of "A Record of the Black Prince," &c. Square fcp. 8vo. uniform in size with "Parables of our Lord," &c.; in deeply embossed leather covers.

[*In the Autumn.*]

BORRER.—NARRATIVE OF A CAMPAIGN WITH A FRENCH

COLUMN against the KARAÏLES of ALGERIA: with the Mission of M. Suchet to the Emir Abd-el-Kader, for an Exchange of Prisoners. By DAWSON BORRER, F.R.G.S. Membre Correspondant de la Société Orientale à Paris; Author of "A Journey from Naples to Jerusalem." Post 8vo. 10s. 6d. boards.

BRANDE.—A DICTIONARY OF SCIENCE, LITERATURE,

AND ART; comprising the History, Description, and Scientific Principles of every Branch of Human Knowledge; with the Derivation and Definition of all the Terms in General Use. Edited by W. T. BRANDE, F.R.S.L. & E.; assisted by Dr. J. CAUVIN. 8vo. with Wood Engravings.

[*New Edition, nearly ready.*]

BULL.—HINTS TO MOTHERS,

For the Management of Health during the Period of Pregnancy and in the Lying-in Room with an Exposure of Popular Errors in connexion with those subjects, &c.; and Hints upon Nursing. By THOMAS BULL, M.D. New Edition, carefully revised and enlarged. Fcp. 8vo. 5s. cloth.

BULL.—THE MATERNAL MANAGEMENT OF CHILDREN,

in HEALTH and DISEASE. By T. BULL, M.D. Member of the Royal College of Physicians; formerly Physician-Accoucheur to the Finsbury Midwifery Institution, and Lecturer on Midwifery and the Diseases of Women and Children. New Edition, carefully revised and enlarged. Fcp. 8vo. 5s. cloth.

BUDGE.—THE PRACTICAL MINER'S GUIDE.

Comprising a Set of Trigonometrical Tables adapted to all the purposes of Oblique or Diagonal, Vertical, Horizontal, and Traverse Dialling; with their application to the Dial, Exercise of Drifts, Levels, Slides, Levelling, Inaccessible Distances, Heights, &c. By J. BUDGE. New Edition, considerably enlarged. 8vo. with Portrait of the Author, 12s. cloth.

BUNSEN.—EGYPT'S PLACE IN UNIVERSAL HISTORY:

An Historical Investigation, in Five Books. By CHRISTIAN C. J. BUNSEN, D.Ph. & D.C.L. Translated from the German, by C. H. COTTRELL, Esq. M.A.—Vol. I. containing the First Book, or Sources and Primeval Facts of Egyptian History: with an Egyptian Grammar and Dictionary, and a complete List of Hieroglyphical Signs; an Appendix of Authorities, embracing the complete Text of Manetho and Eratosthenes, Egyptiaca from Pliny, Strabo, &c.; and Plates representing the Egyptian Divinities. 8vo. with numerous illustrations, 28s. cloth.

BUNSEN.—THE CONSTITUTION OF THE CHURCH OF

the FUTURE. A Practical Explanation of the Correspondence with the Right Hon. William Gladstone, on the German Church, Episcopacy, and Jerusalem. With a Preface, Notes, and the complete Correspondence. By the Chevalier C. C. J. BUNSEN, Ph. D. D.C.L. Translated under the superintendence of, and with Additions by, the Author. Post 8vo. 9s. 6d. cloth.

BURDER.—ORIENTAL CUSTOMS,

Applied to the Illustration of the Sacred Scriptures. By Dr. SAMUEL BURDER. New Edition, with Additions. Fcp. 8vo. 8s. 6d. cloth.

BURNS.—THE PRINCIPLES OF CHRISTIAN PHILOSOPHY;

containing the Doctrines, Duties, Admonitions, and Consolations of the Christian Religion. By JOHN BURNS, M.D. F.R.S. New Edition. Fcp. 8vo. 6s. 6d. cloth.

BURNS.—CHRISTIAN FRAGMENTS;

Or, Remarks on the Nature, Precepts, and Comforts of Religion. By JOHN BURNS, M.D. F.R.S. Author of "The Principles of Christian Philosophy." Fcp. 8vo. 5s. cloth.

BUTLER.—A SKETCH OF MODERN AND ANCIENT GEO-

GRAPHY, for the use of Schools. By SAMUEL BUTLER, D.D. late Bishop of Lichfield and Coventry; and formerly Head Master of Shrewsbury School. New Edition, revised by the Author's Son. 8vo. 9s. boards.

BUTLER.—A GENERAL ATLAS OF MODERN AND ANCIENT GEOGRAPHY.

By the late Dr. S. BUTLER. Consisting of Forty-five coloured Maps, and Indices. New Edition, re-engraved; with corrections (in the Modern Maps) from the Government Surveys and other recent sources of information, and (in the Ancient Maps) from the most approved writers on Ancient Geography. 4to. 24s. half-bound.

Separately { The Ancient Atlas. 22 coloured Maps. 8vo. 12s. half-bound.
 { The Modern Atlas. 23 coloured Maps. 8vo. 12s. half-bound. *

THE CABINET LAWYER :

A Popular Digest of the Laws of England, Civil and Criminal; with a Dictionary of Law Terms, Maxims, Statutes, and Judicial Antiquities; Correct Tables of Assessed Taxes, Stamp Duties, Excise Licenses, and Post-Horse Duties; Post-Office Regulations, and Prison Discipline. Fourteenth Edition, enlarged, and corrected throughout, with the Legal Decisions and Statutes to Michaelmas Term, 10 and 11 Victoria. Fcp. 8vo. 10s. 6d. cloth.

CALLCOTT.—A SCRIPTURE HERBAL.

With upwards of 120 Wood Engravings. By Lady CALLCOTT. Square crown 8vo. 25s. cloth.

CARTOONS.—THE PRIZE CARTOONS EXHIBITED

IN WESTMINSTER HALL, A.D. 1843. Published under the Sanction and Patronage of Her Majesty's Commissioners on the Fine Arts. Eleven large folio Engravings, in a neat Portfolio, £5. 5s.; Proofs before Letters, £8. 8s.

CATLOW.—POPULAR CONCHOLOGY;

Or, the Shell Cabinet arranged: being an Introduction to the Modern System of Conchology; with a sketch of the Natural History of the Animals, an account of the Formation of the Shells, and a complete Descriptive List of the Families and Genera. By AGNES CATLOW. Fcp. 8vo. with 312 Woodcuts, 10s. 6d. cloth.

CHALENOR.—WALTER GRAY,

A Ballad, and other Poems. By MARY CHALENOR. New Edition, including the Author's Poetical Remains. Fcp. 8vo. 6s. cloth.

COAD.—A MEMORANDUM OF THE WONDERFUL PROVINCESSES OF GOD TO A POOR UNWORTHY CREATURE (from 12th of June 1685 unto the 24th of November 1690) on and after the Revolution betweene the Duke of Monmouth and King James. By JOHN COAD. Square fcp. 8vo. [Nearly ready.]

"The best account of the sufferings of those rebels who were sentenced to transportation is to be found in a very curious narrative written by John Coad, an honest Godfearing carpenter, who joined Monmouth, was badly wounded at Philip's Norton, was tried by Jeffreys, and was sent to Jamaica. The original manuscript was kindly lent to me by Mr. Phippard, to whom it belongs." MACAULAY'S *England*, vol. i. p. 647 note.

* * * This work is printed, by permission of Mr. Phippard, from the MS. referred to in the above note by Mr. Macaulay.

COLLINS.—MEMOIRS OF THE LIFE OF WILLIAM

COLLINS, Esq.R.A. Including Selections from his Journals and Correspondence, Notices of many of his eminent Contemporaries, and a Description of his principal Works. By his Son, W. WILKIE COLLINS, Esq. With Portrait after Linnell, and 2 Vignettes from Sketches by the Painter. 2 vols. post 8vo. 21s. cloth.

COLTON.—LACON; OR, MANY THINGS IN FEW WORDS.

By the Rev. C. C. COLTON. New Edition. 8vo. 12s. cloth.

CONYBEARE AND HOWSON.—THE LIFE AND EPISTLES

of SAINT PAUL; comprising a complete Biography of the Apostle, and a Paraphrastic Translation of his Epistles inserted in Chronological Order. Edited by the Rev. W. J. CONYBEARE, M.A. late Fellow of Trinity College, Cambridge; and the Rev. J. S. HOWSON, M.A. late Principal of the Collegiate Institution, Liverpool. 2 vols. 4to, richly illustrated by numerous Engravings on Steel and Wood of the Principal Places visited by the Apostle, from Original Drawings made on the spot by W. H. Bartlett; and by Maps, Charts, Coins, &c.

* * * To be published in Monthly Parts, price 2s. each; the First of which will appear
on January 1st, 1850.

CONVERSATIONS ON BOTANY.

New Edition, improved. Fcp. 8vo. 22 Plates, 7s. 6d. cloth; with the plates coloured, 12s. cloth.

CONVERSATIONS ON MINERALOGY.

With Plates, engraved by Mr. and Mrs. Lowry, from Original Drawings. New Edition, enlarged. 2 vols. fcp. 8vo. 14s. cloth.

PUBLISHED BY MESSRS. LONGMAN, BROWN, AND CO.

COOPER.—PRACTICAL AND FAMILIAR SERMONS,

Designed for Parochial and Domestic Instruction. By Rev. EDWARD COOPER. New Edition. 7 vols. 12mo. £1. 18s. boards.

COOPER.—SERMONS,

Chiefly designed to elucidate some of the leading Doctrines of the Gospel. By the Rev. EDWARD COOPER. New Edition. 2 vols. 12mo. 10s. boards.

COPLAND.—A DICTIONARY OF PRACTICAL MEDICINE;

comprising General Pathology, the Nature and Treatment of Diseases, Morbid Structures, and the Disorders especially incidental to Climates, to Sex, and to the different Epochs of Life; with numerous approved Formulae of the Medicines recommended. By JAMES COPLAND, M.D. Consulting Physician to Queen Charlotte's Lying-in Hospital, &c. &c. Vols. I. and II. 8vo. £3, cloth; and Parts X. to XIV. 4s. 6d. each, sewed.

COQUEREL.—CHRISTIANITY;

Its perfect adaptation to the Mental, Moral, and Spiritual Nature of Man. By ATHANASE COQUEREL, one of the Pastors of the French Protestant Church in Paris. Translated by the Rev. D. DAVISON, M.A. With an Introductory Notice of the State of the Protestant Church of France, drawn up by the Author especially for the English Edition. Post 8vo. 12s. cloth.

COSTELLO.—THE FALLS, LAKES, AND MOUNTAINS

OF NORTH WALES; being a Pictorial Tour through the most interesting parts of the Country. By Miss LOUISA STUART COSTELLO. Illustrated with Views, from Original Sketches by D. H. McKewan, engraved on wood, and lithographed, by T. and E. Gilks. Square 8vo. with Map, 14s. cloth.

COULTER.—ADVENTURES ON THE WESTERN COAST OF

SOUTH AMERICA and in the INTERIOR of CALIFORNIA; including a Narrative of Incidents at the Kibgsmill Islands, New Ireland, New Britain, New Guinea, and other Islands in the Pacific Ocean: with an Account of the Natural Productions, and the Manners and Customs, in Peace and War, of the various Savage Tribes visited. By JOHN COULTER, M.D. Author of "Adventures in the Pacific." 2 vols. post 8vo. 16s. cloth.

COULTER.—ADVENTURES IN THE PACIFIC:

With Observations on the Natural Productions, Manners, and Customs of the Natives of the various Islands; Remarks on the Missionaries, British and other Residents, &c. By JOHN COULTER, M.D. Post 8vo. 7s. 6d. cloth.

CRESY.—AN ENCYCLOPÆDIA OF CIVIL ENGINEERING,

Historical, Theoretical, and Practical. By EDWARD CRESY, F.S.A. C.E. Illustrated by upwards of Three Thousand Engravings on Wood, explanatory of the Principles, Machinery, and Constructions which come under the Direction of the Civil Engineer. One very large Volume 8vo. £3. 13s. 6d. cloth.

CROCKER'S ELEMENTS OF LAND SURVEYING.

New Edition, corrected throughout, and considerably improved and modernized, by T. G. BUNT, Land Surveyor. To which are added, TABLES OF SIX-FIGURE LOGARITHMS, &c., superintended by R. FARLEY, of the Naval Almanac Establishment. Post 8vo. 12s. cloth.

D'AGINCOURT.—THE HISTORY OF ART, BY ITS MONUMENTS,

from its Decline in the Fourth Century to its Restoration in the Sixteenth. Translated from the French of SEROUX D'AGINCOURT, by OWEN JONES, Architect. In 3,325 Subjects, engraved on 328 Plates. Vol. I. Architecture, 73 Plates; Vol. II. Sculpture, 51 Plates; Vol. III. Painting, 204 Plates. 3 vols. royal folio, £5. 5s. sewed.

DALE.—THE DOMESTIC LITURGY AND FAMILY CHAP-

LAIN, in two Parts: the First Part being Church Services adapted for domestic use, with Prayers for every day of the week, selected exclusively from the Book of Common Prayer; Part II. comprising an appropriate Sermon for every Sunday in the year. By the Rev. THOMAS DALE, M.A., Vicar of St. Pancras. Post 4to., 21s. cloth: or, bound by Hayday, 31s. 6d. calf-ettered; £2. 10s. morocco.

DE JAENISCH & WALKER.—DE JAENISCH'S CHESS PRE-

CEPTOR: A New Analysis of the Openings of Games. By C. F. De JAENISCH, of St. Petersburg. Translated from the French, with copious Notes, by GEORGE WALKER, Author of "Chess Studies," and various other Works on the Game of Chess. 8vo. 15s. cloth.

DE LA BECHE.—**REPORT ON THE GEOLOGY OF CORNWALL, DEVON, and WEST SOMERSET.** By HENRY T. DE LA BECHE, F.R.S. &c., Director of the Ordnance Geological Survey. Published by Order of the Lords Commissioners of H.M. Treasury. 8vo. with Maps, Woodcuts, and 12 large Plates, 14s. cloth.

DE LA GRAVIERE.—**SKETCHIES OF THE LAST NAVAL WAR.** Translated from the French of Capt. E. JURTIEN de la GRAVIERE, with an Introduction and Notes, by the Hon. Capt. PLUNKETT, R.N. Author of "The Past and Future of the British Navy." 2 vols. post 8vo. with 9 Plans of Naval Actions, 18s. cloth.

DE STRZELECKI.—**THE PHYSICAL DESCRIPTION OF NEW SOUTH WALES and VAN DIEMAN'S LAND;** accompanied by a Geological Map Sections, and Diagrams, and Figures of the Organic Remains. By P. E. DE STRZELECKI. 8vo. with coloured Map and numerous Plates, 24s. cloth.

DIBBIN.—THE SUNDAY LIBRARY:

Containing nearly One Hundred Sermons, by eminent Divines. With Notes, &c. by the Rev. T. F. DIBBIN, D.D. 6 vols. fcp. 8vo. with Six Portraits, 30s. cloth; or, £2. 12s. 6d. neatly half-bound in morocco, with gilt edges.

DISCIPLINE.

By the Author of "Letters to my Unknown Friends," "Twelve Years Ago," and "Some Passages from Modern History." 18mo. 2s. cloth.

DISNEY.—MUSEUM DISNELIANUM:

Being a Description of a Collection of Ancient Marbles, Bronzes, and various other Specimens of Ancient Art, in the possession of JOHN DISNEY, Esq. F.R.S. F.S.A. at the Hyde, near Ingatstone. With numerous Plates and Wood Engravings. 1 vol. 4to. comprising 120 Illustrations, £4. 14s. 6d. cloth.

CONTENTS.

- Part I. Marbles. Comprising Fifty-nine Plates, chiefly Busts, with some whole-length Statues, and some Bas-reliefs.
- Part II. Miscellaneous Antiquities, chiefly in Bronze. Comprising Five Statues, many Lamps, Tripods, Patine, &c.
- Part III. Vases and Fictilia.—Sold separately, only to the purchasers of the First and Second Parts, £2. 2s. cloth.

DOUBLEDAY AND HEWITSON'S BUTTERFLIES.—THE GENERA of BUTTERFLIES, or DIURNAL LEPIDOPTERA; comprising their Generic Characters—a Notice of the Habits and Transformations—and a Catalogue of the Species of each Genus. By EDWARD DOUBLEDAY, Esq. F.L.S. &c., Assistant in the Zoological Department of the British Museum. Imperial 4to. uniform with Gray and Mitchell's Ornithology; Illustrated with 75 Coloured Plates, by W. C. HEWITSON, Esq. Author of "British Oology."

* * Publishing in Monthly Parts, 5s. each; each part consisting of 2 coloured plates, with Letter-press giving the Generic Characters, a Short Notice of the Habits, and a Catalogue of the Species of each Genus. To be completed in about 40 Parts, of which 31 are now ready.

DRESDEN GALLERY.—THE MOST CELEBRATED PICTURES of the ROYAL GALLERY at DRESDEN, drawn on Stone, from the Originals, by Franz Hanfstaengl; with Descriptive and Biographical Notices, in French and German. Nos. I. to LIV. impfet folio, each containing 3 Plates, with Letter press, price 20s. to Subscribers; to Non Subscribers, 30s. Single Plates, 12s. each.

* * To be completed in 6 more numbers, price 20s. each, to Subscribers. Nos. LI. to LX. contain each Four Plates and Letterpress.

DUNLOP.—TRAVELS IN CENTRAL AMERICA.

With Journal of nearly Three Years' Residence in the Country. To which are added, a Sketch of the History of the Republic, and an Account of its Climate, Productions, Commerce, &c. By ROBERT GLASGOW DUNLOP, Esq. Post 8vo. with Map, 10s. 6d. cloth.

DUNLOP.—THE HISTORY OF FICTION:

Being a Critical Account of the most celebrated Prose Works of Fiction, from the earliest Greek Romances to the Novels of the Present Age. By JOHN DUNLOP, Esq. New Edition, complete in One Volume. 8vo. 15s. cloth.

EASTLAKE.—MATERIALS FOR A HISTORY OF OIL PAINTING. By CHARLES LOCK EASTLAKE, Esq. R.P. F.R.S. F.S.A.; Secretary to the Royal Commission for Promoting the Fine Arts in Connexion with the rebuilding of the Houses of Parliament, &c. 8vo. 16s. cloth.

* * Vol. II. On the Italian Practice of Oil Painting, is preparing for publication.

ECCLESIASTES; OR, THE PREACHER.

The Words of the Preacher, Son of David, King of Jerusalem. From the Holy Scriptures. Being the Twelve Chapters of the Book of Ecclesiastes, elegantly illuminated, in the Missal Style, by Owen Jones. Imperial 8vo. in very massive carved covers, 42s.; or handsomely bound in morocco, 50s.

ECCLESTON.—AN INTRODUCTION TO ENGLISH ANTIQUITIES.

Intended as a Companion to the History of England. By JAMES ECCLESTON, B.A. Head Master of Sutton Coldfield Grammar School. 8vo. with numerous Engravings on Wood, 21s. cloth.

ELLIOTSON.—HUMAN PHYSIOLOGY:

With which is incorporated much of the elementary part of the "Institutiones Physiologicae" of J. F. Blumenbach, Professor in the University of Göttingen. By JOHN ELLIOTSON, M.D. Cantab. F.R.S. Fifth Edition. 8vo. with numerous Woodcuts, £2. 2s. cloth.

THE ENGLISHMAN'S GREEK CONCORDANCE OF THE NEW TESTAMENT:

being an Attempt at a Verbal Connexion between the Greek and the English Texts; including a Concordance to the Proper Names, with Indexes, Greek-English and English-Greek. New Edition, with a new Index. Royal 8vo. 42s. cloth.

THE ENGLISHMAN'S HEBREW AND CHALDEE CONCORDANCE of the OLD TESTAMENT;

being an attempt at a Verbal Connection between the Original and the English Translations: with Indexes, a List of the Proper Names and their occurrences, &c. 2 vols. royal 8vo. £3. 13s. 6d. cloth; large paper, £4. 14s. 6d.

ÉÖTVÖS.—THE VILLAGE NOTARY:

A Romance of Hungarian Life. Translated from the Hungarian of Baron RÖTVÖS, by OTTO WENCKSTERN. With Introductory Remarks, written expressly for the present Translation, by FRANCIS PULSZKY. 3 vols. post 8vo. [Nearly ready.]

EPIHEMERA.—A HAND-BOOK OF ANGLING:

Teaching Fly-fishing, Trolling, Bottom-fishing, Salmon-fishing; with the Natural History of River Fish, and the best modes of Catching them. By EPIHEMERA, of "Bell's Life in London." New Edition, enlarged. Fcp. 8vo. with numerous Woodcuts, 9s. cloth.

ERMAN.—TRAVELS IN SIBERIA:

including Excursions northwards, down the Obi, to the Polar Circle, and southwards to the Chinese Frontier. By ADOLPH ERMAN. Translated by W. D. COOLEY, Esq. Author of "The History of Maritime and Inland Discovery;" Translator and Editor of Parrot's "Journey to Ararat," 2 vols. 8vo. with Map, 31s. 6d. cloth.

ETHERIDGE.—THE APOSTOLICAL ACTS AND EPISTLES,

From the Peschito, or Ancient Syriac. To which are added, the remaining Epistles, and the Book of Revelation, after a later Syrian Text. Translated, with Prolegomena and Indices, by J. W. Etheridge, M.A. Doctor in Philosophy of the University of Heidelberg, and Member of the Asiatic Society of Paris. Royal 12mo. 7s. 6d. cloth.

EVANS.—THE SUGAR PLANTER'S MANUAL:

Being a Treatise on the Art of obtaining Sugar from the Sugar Cane. By W. J. EVANS, M.D. 8vo. 9s. cloth.

FAREY.—A TREATISE ON THE STEAM ENGINE,

Historical, Practical, and Descriptive. By JOHN FAREY, Engineer. 4to. with 25 Plates, and numerous Woodcuts, £5. 5s. boards.

FERGUSSON.—AN HISTORICAL INQUIRY INTO THE TRUE

PRINCIPLES of BEAUTY in ART, more especially with reference to ARCHITECTURE. By JAMES FERGUSSON, Esq.; Author of "An Essay on the Ancient Topography of Jerusalem," "Picturesque Illustrations of Ancient Architecture in Hindostan," &c. With 5 Copperplates, a coloured Lithographic Engraving, and upwards of 100 Woodcuts. Imperial 8vo. 30s. cloth.

FLOWERS AND THEIR KINDRED THOUGHTS:

A Series of Stanzas—On Hope, Innocence, Modesty, Childhood, Humility, Joy, Love, Constancy, Fascination, Timidity, Fine Taste, Thoughts, Recollection, and Friendship. By MARY ANNE BACON. Illustrated by the Snowdrop, Primrose, Violet, Harebell, and Pimpernel, Lily of the Valley, Hawthorn, Rose, honeysuckle, Carnation, Convolvulus, Fuchsia, Panay, Forget-me-not, and Holly; designed and printed in Colours by Owen Jones. Imperial 8vo. 31s. 6d. elegantly bound.

FORSTER.—THE HISTORICAL GEOGRAPHY OF ARABIA;
 "or, the Patriarchal Evidences of Revealed Religion. A Memoir, with illustrative Maps and an Appendix, containing Translations, with an Alphabet and Glossary of the Hamitic Inscriptions recently discovered in Hadramant. By the Rev. CHARLES FORSTER, Author of "Mahometanism Unveiled." 2 vols. 8vo. 30s. cloth.

FOSS.—THE JUDGES OF ENGLAND :

with Sketches of their Lives, and Miscellaneous Notices connected with the Courts at Westminster from the time of the Conquest. By EDWARD FOSS, F.S.A. of the Inner Temple. Vols. I. and II. 8vo. 28s. cloth.

FOSTER.—A HANDBOOK OF MODERN EUROPEAN LITERATURE: British, Danish, Dutch, French, German, Hungarian, Italian, Polish and Russian, Portuguese, Spanish, and Swedish. With a full Biographical and Chronological Index. By Mrs. FOSTER. Fcp. 8vo. 8s. 6d. cloth.

* * * The object of this work is, not so much to give elaborate criticisms on the various writers in the language to whose literature it is intended as a guide, as to direct the student to the best writers in each, and to inform him on what subjects they have written.

FROM OXFORD TO ROME;

And, How it fared with some who lately made the Journey. By a COMPANION TRAVELLER. New Edition, revised and corrected. Fcp. 8vo. with Frontispiece, 6s. cloth.

FRUITS FROM THE GARDEN AND THE FIELD.

A Series of Stanzas. By MARY ANNE BACON, Author of "Flowers and their kindred Thoughts." With beautiful Illustrations of Fruit, designed and printed in Colours by Owen Jones. Imp. 8vo. uniform with "Flowers and their kindred Thoughts," 31s. 6d. [Nearly ready.]

GARDINER.—SIGHTS IN ITALY :

With some Account of the Present State of Music and the Sister Arts in that Country. By WILLIAM GARDINER, Author of "Sacred Melodies," "Music of Nature," &c.; Member of the Academy of St. Cecilia, Rome; and of the Class of Fine Arts de l'Institut Historique de France. 8vo. with engraved Music, 16s. cloth.

GIBBON'S HISTORY OF THE DECLINE AND FALL OF THE ROMAN EMPIRE. A new Edition, complete in One Volume. With an Account of the Author's Life and Writings, by ALEXANDER CHALMERS, Esq. F.A.S. 8vo. with Portrait, 18s. cloth.

* * * An Edition, in 8 vols. 8vo. 60s. boards.

GILBART.—A PRACTICAL TREATISE ON BANKING.

By JAMES WILLIAM GILBART, F.R.S. General Manager of the London and Westminster Bank. 5th Edition, with Portrait of the Author, and View of the "London and Westminster Bank," Lothbury. 2 vols. 8vo. 21s. cloth.

GOLDSMITH.—THE POETICAL WORKS OF OLIVER GOLDSMITH. Illustrated by Wood Engravings, from Designs by Members of the Etching Club. With a Biographical Memoir, and Notes on the Poems. Edited by BOLTON CORNEY, Esq. Square crown 8vo. uniform with "Thomson's Seasons," 21s. cloth; or, bound in morocco, by Hayday, £1. 16s.

GOWER.—THE SCIENTIFIC PHÆNOMENA OF DOMESTIC LIFE, familiarly explained. By CHARLES FOOTE GOWER. New Edition. Fcp. 8vo. with Wood Engravings, 5s. cloth.

GRAHAM.—ENGLISH; OR, THE ART OF COMPOSITION: explained in a Series of Instructions and Examples. By G. F. GRAHAM. New Edition, revised and improved. Fcp. 8vo. 6s. cloth.

GRANT.—LETTERS FROM THE MOUNTAINS.

Being the Correspondence with her Friends, between the years 1773 and 1803. By MRS. GRANT, of Laggan. New Edition. Edited, with Notes and Additions, by her son, J. P. GRANT, Esq. 2 vols. post 8vo. 21s. cloth.

GRANT.—MEMOIR AND CORRESPONDENCE OF THE late MRS. GRANT, of Laggan, Author of "Letters from the Mountains," "Memoirs of an American Lady," &c. Edited by her Son, J. P. GRANT, Esq. New Edition. 3 vols. post 8vo. with Portrait, 31s. 6d. cloth.

GRAY'S ELEGY (ILLUMINATED).

GRAY'S ELEGY, WRITTEN IN A COUNTRY CHURCHYARD. Illuminated, in the Missal style, by OWEN JONES, Architect. Imperial 8vo. 31s. 6d. elegantly bound.

GRAY.—TABLES AND FORMULÆ FOR THE COMPUTATION OF LIFE CONTINGENCIES; with copious Examples of Annuity, Assurance, and Friendly Society Calculations. By PETER GRAY, F.R.A.S. Associate of the Institute of Actuaries of Great Britain and Ireland. Royal 8vo. 15s. cloth.

GRAY AND MITCHELL'S ORNITHOLOGY.—THE GENERA OF BIRDS; comprising their Generic Characters, a Notice of the Habits of each Genus, and an extensive List of Species, referred to their several Genera. By GEORGE ROBERT GRAY, Acad. Imp. Georg. Florent. Soc. Corresp. Senior Assistant of the Zoological Department, British Museum; and Author of the "List of the Genera of Birds," &c. 3 vols. imperial 4to. illustrated with 350 coloured and plain Plates, by DAVID WILLIAM MITCHELL.

* * Parts I. to XLIX. imperial 4to. 10s. 6d. each.—Part L, with Title, Indexes, Tables, &c. completing the work, in 3 vols., is *nearly ready*.

GRIMBLOT.—LETTERS OF WILLIAM III. AND LOUIS XIV. and of their Ministers. Illustrating the Domestic and Foreign Politics of England from the Peace of Ryswick to the Accession of Philip V. of Spain (1697 to 1770). Edited by PAUL GRIMBLOT. 2 vols. 8vo. 30s. cloth.

GWLIT.—AN ENCYCLOPEDIA OF ARCHITECTURE; Historical, Theoretical, and Practical. By JOSEPH GWILT, Esq. F.S.A. Illustrated with upwards of 1,000 Engravings on Wood, from Designs by J. S. GWILT. 8vo. 52s. 6d. cloth.

SIDNEY HALL'S NEW GENERAL LARGE LIBRARY ATLAS OF FIFTY-THREE MAPS (size 20 in. by 16 in.), with the Divisions and Boundaries carefully coloured; and an Alphabetical Index of all the Names contained in the Maps, with their Latitude and Longitude. An entirely New Edition, corrected throughout from the best and most recent Authorities, with all the Railways laid down, and many of the Maps re-drawn and re-engraved. Colombier 4to. £5. 5s. half-bound in Russia.

"This is one of the very best of the larger collections of maps with which we are acquainted, for clearness and accuracy, as well as its very reasonable cost. Several striking improvements characterise the edition before us. It has again undergone comparison with the best authorities, contains many corrections consequent on the latest Government surveys, supplies all the various lines of railway newly laid down, gives quite new maps where necessary, and is enriched with an alphabetical index of more than *seventy thousand* names of places contained in the collection, with their degrees of latitude and longitude. This index, which is quite invaluable, is printed with exquisite clearness; and we have examined a sufficient number of names and places to be convinced of its general and faultless accuracy. Of Maps, it has been properly said that they are works always in progress. They can never be considered as finished, because they incessantly wait corrections to be supplied by the science and enterprise of succeeding ages. A glance at the beautiful volume before us, and the most cursory comparison of it with the best collections at the opening of the present century, will shew us the astounding rapidity with which, in such matters, both enterprise and science have advanced of late, and the more than equal pace that is kept with both by all those duty it is to popularise and make accessible their results. Such a book as this could as little have been printed within the reach of moderate means half a century ago, as the information it contains could have been even guessed at."—EXAMINER.

HALL.—MIDSUMMER EVE:

A Fairy Tale of Love. By Mrs. S. C. HALL. With nearly 300 Wood Engravings from Designs by D. Maclise, C. Stanfield, T. Creswick, T. Landseer, and other eminent Artists. Square crown 8vo. 21s. cloth.

HARRISON.—ON THE RISE, PROGRESS, AND PRESENT STRUCTURE of the ENGLISH LANGUAGE. By the Rev. M. HARRISON, M.A. late Fellow of Queen's College, Oxford. Post 8vo. 8s. 6d. cloth.

"An able, enlightened, and philosophical work. From the erudité and scholarly manner in which the author has treated the subject, he has contrived to make his work not only excellent for the special purpose for which it is intended, but, from the mass of curious information which it contains, really interesting to all classes of readers."—SUNDAY TIMES.

HAWBUCK GRANGE;

Or, the Sporting Adventures of Thomas Scott, Esq. By the Author of "Handley Cross; or, the Spa Hunt." With Eight Illustrations by Phiz. 8vo. 12s. cloth.

HAWKER.—INSTRUCTIONS TO YOUNG SPORTSMEN

In all that relates to Guns and Shooting. By Lieut.-Col. P. HAWKER. New Edition, corrected, enlarged, and improved; with Eighty-five Plates and Woodcuts by Adlard and Branston, from Drawings by C. Vasey, Dickes, &c. 8vo. 21s. cloth.

HAYDON.—LECTURES ON PAINTING AND DESIGN:

Delivered at the London Institution, the Royal Institution, Albemarle Street, & the University of Oxford, &c. By G. R. HAYDON, Historical Painter. With Portraits of the Author and of Sir David Wilkie, and Wood Engravings, from Designs by the Author. 2 vols. 8vo. 24s. cloth.

SIR GEORGE HEAD.—ROME :

A Tour of Many Days. By Sir **GEORGE HEAD.** 3 vols. 8vo. 36s. cloth.

"The roads, the streets, the palaces, the churches, the fountains, the public buildings, and the private houses of any note, the baths, the fortifications, the arches, the cemeteries, the walls, the villas, the temples, the monuments, the theatres, the forums, the ruins, and the relics of every kind, and the inhabitants also, are all set before us in the best possible order. In short, it is a standard work, to last like Rome!"

LITERARY GAZETTE.

SIR JOHN HERSCHEL.—OUTLINES OF ASTRONOMY.

By Sir **JOHN F. W. HERSCHEL**, Bart. &c. &c. &c. 8vo. with Plates and Woodcuts, 18s.

"We take our leave of this remarkable work, which we hold to be, beyond a doubt, the most remarkable of the works in which the laws of astronomy and the appearances of the heavens are described to those who are not mathematicians nor observers, and recalled to those who are."

ATHENÆUM.

MRS. HEY.—THE MORAL OF FLOWERS :

Or, Thoughts gathered from the Field and the Garden. By Mrs. **HEY.** Being a New Edition of "The Moral of Flowers ;" and consisting of Poetical Thoughts on Garden and Field Flowers, accompanied by Drawings beautifully coloured after Nature. Square crown 8vo. uniform in size with "Thomson's Seasons illustrated by the Etching Club," 21s. cloth.

MRS. HEY.—SYLVAN MUSINGS :

Or, the Spirit of the Woods. By Mrs. **HEY.** Being a New Edition of the "Spirit of the Woods ;" and consisting of Poetical Thoughts on Forest Trees, accompanied by Drawings of Blossoms and Foliage, beautifully coloured after Nature. Square crown 8vo. uniform in size with "Thomson's Seasons illustrated by the Etching Club," 21s. cloth.

HINTS ON ETIQUETTE AND THE USAGES OF SOCIETY :

With a Glance at Bad Habits. By *Ayayos*. "Manners make the man." New Edition, revised (with additions) by a Lady of Rank. Fcp. 8vo. 2s. 6d. cloth.

HISTORICAL PICTURES OF THE MIDDLE AGES,

In Black and White. Made on the spot, from Records in the Archives of Switzerland. By a **WANDERING ARTIST.** 2 vols. post 8vo. 18s. cloth.

HOARE.—A PRACTICAL TREATISE ON THE CULTIVATION OF THE GRAPE VINE ON OPEN WALLS. By **CLEMENT HOARE.** New Edition. 8vo. 7s. 6d. cloth.
HOARE.—A DESCRIPTIVE ACCOUNT OF A NEW METHOD OF PLANTING and MANAGING the ROOTS of GRAPE VINES. By **CLEMENT HOARE,** Author of "A Treatise on the Cultivation of the Grape Vine on Open Walls." 12mo., 5s. cloth.
HOLLAND.—MEDICAL NOTES AND REFLECTIONS.

By **HENRY HOLLAND**, M.D. F.R.S. &c. Fellow of the Royal College of Physicians, Physician Extraordinary to the Queen, and Physician in Ordinary to His Royal Highness Prince Albert. New Edition. 8vo. 18s. cloth.

HOOK.—THE LAST DAYS OF OUR LORD'S MINISTRY :

A Course of Lectures on the principal Events of Passion Week. By **WALTER FARQUHAR HOOK**, D.D. Vicar of Leeds, Prebendary of Lincoln, and Chaplain in Ordinary to the Queen. New Edition. Fcp. 8vo. 6s. cloth.

HOOKER.—KEW GARDENS ;

Or, a Popular Guide to the Royal Botanic Gardens of Kew. By Sir **WILLIAM JACKSON HOOKER**, K.H. D.C.L. F.R.A. & L.S. &c. &c. Director. New Edition. 16mo. with numerous Wood Engravings, 6d. sewed.

HOOKER.—THE BRITISH FLORA,

In Two Vols. Vol. I.; comprising Phenogamous or Flowering Plants, and the Ferns. By Sir **WILLIAM JACKSON HOOKER**, K.H. LL.D. F.R.A. and L.S. &c. &c. &c. New Edition, with Additions and Corrections; and 173 Figures illustrative of the Umbelliferous Plants, the Composite Plant^s, the Grasses, and the Ferns. 8vo. with 12 Plates, 14s. plain; with the Plates coloured, 24s. cloth.

Vol. II. in Two Parts, comprising the Cryptogamia and Fungi. 8vo. 24s. cloth.

HORNE.—AN INTRODUCTION TO THE CRITICAL STUDY

and KNOWLEDGE of the HOLY SCRIPTURES. By **THOMAS HARTWELL HORNE**, B.D. of St. John's College, Cambridge; Rector of the united Parishes of St. Edmund the King and Martyr, and St. Nicholas Acons, Lombard Street; Prebendary of St. Paul's. New Edition, revised and corrected. 5 vols. 8vo. with numerous Maps and Facsimiles of Biblical Manuscripts, 63s. cloth; or £5, bound in calf.

HORNE.—A COMPENDIOUS INTRODUCTION TO THE STUDY OF THE BIBLE. By THOMAS HARTWELL HORNE, B.D. of St. John's College, Cambridge. Being an Analysis of his "Introduction to the Critical Study and Knowledge of the Holy Scriptures." New Edition, corrected and enlarged. 12mo. with Maps and other Engravings, 9s. boards.

HOWITT.—THE CHILDREN'S YEAR.

By MARY HOWITT. With Four Illustrations, engraved by John Absolon, from Original Designs by ANNA MARY HOWITT. Square 16mo. 5s. cloth.

HOWITT.—THE BOY'S COUNTRY BOOK:

Being the real Life of a Country Boy, written by himself; exhibiting all the Amusements, Pleasures, and Pursuits of Children in the Country. Edited by WILLIAM HOWITT. New Edition. Fcp. 8vo. with 40 Woodcuts, 6s. cloth.

HOWITT.—THE RURAL LIFE OF ENGLAND.

By WILLIAM HOWITT. New Edition, corrected and revised. Medium 8vo. with Engravings on wood, by Bewick and Williams, uniform with "Visits to Remarkable Places," 2is. cloth.

HOWITT.—VISITS TO REMARKABLE PLACES;

Old Halls, Battle-Fields, and Scenes illustrative of Striking Passages in English History and Poetry. By WILLIAM HOWITT. New Edition. Medium 8vo. with 40 Engravings on Wood, 21s. cloth.

SECOND SERIES, chiefly in the Counties of NORTHUMBERLAND and DURHAM, with a Stroll along the BORDER. Medium 8vo. with upwards of 40 Engravings on Wood, 21s. cloth.

HOWITT.—THE RURAL AND SOCIAL LIFE OF GERMANY:

With Characteristic Sketches of its Chief Cities and Scenery. Collected in a General Tour, and during a Residence in that Country. By WILLIAM HOWITT. Medium 8vo. with 50 Engravings on Wood, 21s. cloth.

HOWITT.—COLONISATION AND CHRISTIANITY:

A Popular History of the Treatment of the Natives, in all their Colonies, by the Europeans. By WILLIAM HOWITT. Post 8vo. 10s. 6d. cloth.

HOWSON AND CONYBEARE.—THE LIFE AND EPISTLES OF SAINT PAUL.

By the Rev. J. S. HOWSON, M.A., and the Rev. W. J. CONYBEARE, M.A. 2 vols. 4to, richly illustrated. [See page 6.]

HUDSON.—THE EXECUTOR'S GUIDE.

By J. C. HUDSON, Esq. late of the Legacy Duty Office, London; Author of "Plain Directions for Making Wills," and "The Parent's Hand-book." New Edition. Fcp. 8vo. 5s. cloth.

HUDSON.—PLAIN DIRECTIONS FOR MAKING WILLS

In Conformity with the Law, and particularly with reference to the Act 7 Will. 4 and 1 Vict. c. 26. To which is added, a clear Exposition of the Law relating to the distribution of Personal Estate in the case of Intestacy; with two Forms of Wills, and much useful information, &c. By J. C. HUDSON, Esq. New Edition, corrected. Fcp. 8vo. 2s. 6d. cloth.

** These two works may be had in one volume, 7s. cloth.

HUMBOLDT.—ASPECTS OF NATURE,

in Different Lands and in Different Climates. By ALEXANDER VON HUMBOLDT. Translated, with the Author's sanction and co-operation, and at his express desire, by MRS. SABINE. 2 vols. 16mo. uniform with Murray's "Home and Colonial Library."

BARON VON HUMBOLDT'S COSMOS;

Or, a Sketch of a Physical Description of the Universe. Translated, with the Author's sanction and co-operation, under the superintendence of Lieutenant-Colonel EDWARD SABINE, R.A. For. Sec. R.S. New Edition. 16mo. uniform with Mr. Murray's "Home and Colonial Library." Vols. I. and II. price Half-a-Crown each.

** The authorised "Library Edition," in post 8vo., Vols. I. and II. price 12s. each, may still be had.

HUMPHREYS.—A RECORD OF THE BLACK PRINCE;

being a Selection of such Passages in his Life as have been most quaintly and strikingly narrated by the Chroniclers of the Period. Embellished with highly-wrought Miniatures and Borderings, selected from various Illuminated MSS. referring to Events connected with English History. By HENRY NOEL HUMPHREYS. Post 8vo. in a light green and maroon binding, 21s.

HUNT.—RESEARCHES ON LIGHT:

An Examination of all the Phenomena connected with the Chemical and Molecular Changes produced by the Influence of the Solar Rays; embracing all the known Photographic Processes, and new Discoveries in the Art. By ROBERT HUNT, Keeper of Mining Records, Museum of Economic Geology. 8vo. with Plate and Woodcuts, 10s. 6d. cloth.

JAMES.—A HISTORY OF THE LIFE OF EDWARD THE BLACK PRINCE, and of various Events connected therewith, which occurred during the Reign of Edward III. King of England. By G. P. R. JAMES, Esq. New Edition. 2 vols. fcp. 8vo. Map, 15s. cloth.

MRS. JAMESON.—LEGENDS OF THE MONASTIC ORDERS: comprising the History of the Franciscans, as connected with the Revival of Art; Legends of those Royal Personages who died in the Religious Habit; and Notes on the Remains of English Legendary Art. By Mrs. JAMESON, Author of "Sacred and Legendary Art," &c. Square crown 8vo. with numerous Illustrations. [Nearly ready.]

* * * To be followed by "Legends of the Madonna," by the same Author, similarly illustrated.

MRS. JAMESON.—SACRED AND LEGENDARY ART.

By Mrs. JAMESON. With numerous Wood Engravings, and Sixteen Etchings by the Author. 2 vols. square crown 8vo. 42s. cloth.

JEBB.—A LITERAL TRANSLATION OF THE BOOK OF PSALMS; intended to illustrate their Poetical and Moral Structure. To which are added, Dissertations on the word "Selah," and on the Authorship, Order, Titles, and Poetical Features, of the Psalms. By the Rev. JOHN JEBB, A.M. 2 vols. 8vo. 21s. cloth.

JEFFREY.—CONTRIBUTIONS TO THE EDINBURGH REVIEW. By FRANCIS JEFFREY, now One of the Judges of the Court of Session in Scotland. New Edition. 3 vols. 8vo. 42s. cloth.

BISHOP JEREMY TAYLOR'S ENTIRE WORKS:

With the Life by Bishop Heber Revised and corrected by the Rev. CHARLES PAGE EDEN, Fellow of Oriel College, Oxford. Vols. II. III. IV. V. and VI. 8vo. 10s. 6d. each.

* * * In course of publication, in Ten Volumes, price Half-a-Guinea each,--Vol. I. (the last in order of publication) will contain Bishop Heber's Life of Jeremy Taylor, extended by the Editor.—Vol. VII. is in the press.

JOHNSON.—THE FARMER'S ENCYCLOPÆDIA,

And Dictionary of Rural Affairs: embracing all the recent Discoveries in Agricultural Chemistry; adapted to the comprehension of unscientific readers. By CUTHBERT W. JOHNSON, Esq. F.R.S. Barrister-at-Law; Editor of the "Farmer's Almanack," &c. 8vo. with Wood Engravings, £2. 10s. cloth.

JOHNSON.—THE WISDOM OF THE RAMBLER, ADVENTURER, and IDLER: comprising a Selection of 110 of the best Essays. By SAMUEL JOHNSON, LL.D. Fcp. 8vo. 7s. cloth.

SIR ROBERT KANE.—ELEMENTS OF CHEMISTRY,

Theoretical and Practical: including the most Recent Discoveries and Applications of the Science of Medicine and Pharmacy to Agriculture and to Manufactures. By SIR ROBERT KANE, M.A., M.R.I.A. 2d Edition, corrected and greatly enlarged; illustrated by 230 Wood Engravings. In One large Volume, 8vo. of about 1,100 pages, 28s. cloth.

KEMBLE.—THE SAXONS IN ENGLAND:

a History of the English Commonwealth till the period of the Norman Conquest. By JOHN MITCHELL KEMBLE, M.A. F.C.P.S., &c. 2 vols. 8vo. 28s. cloth.

KINDERSLEY.—THE VERY JOYOUS, PLEASANT, AND REFRESHING HISTORY of the Feats, Exploits, Triumphs, and Achievements of the Good Knight, without Fear and without Reproach, the gentle LORD DE BAYARD. Set forth in English by EDWARD COCKBURN KINDERSLEY, Esq. With Ornamental Headings, and Frontispiece by E. H. Wehnert. Square post 8vo. 9s. 6d. cloth.

KIP.—THE CHRISTMAS HOLYDAYS IN ROME.

By the Rev. W. INGRAHAM KIP, M.A. Edited by the Rev. W. SWELL, B.D. Fellow and Tutor of Exeter College, Oxford. New Edition. Fcp. 8vo. 5s. cloth.

KIRBY & SPENCE.—AN INTRODUCTION TO ENTOMOLOGY;

Or, Elements of the Natural History of Insects: comprising an account of noxious and useful Insects, of their Metamorphoses, Food, Stratagems, Habitations, Societies, Motions, Noises, Hibernation, Instinct, &c. By W. KIRBY, M.A. F.R.S. & L.S. Rector of Barham; and W. SPENCE, Esq. F.R.S. & L.S. New Edition. 2 vols. 8vo. with Plates, 31s. 6d. cloth.

LARDNER'S CABINET CYCLOPÆDIA;

Comprising a Series of Original Works on History, Biography, Natural Philosophy, Natural History, Literature, the Sciences, Arts, and Manufactures. By BISHOP THIRLWALL, SIR JAMES MACKINTOSH, SIR JOHN HERSCHEL, SIR WALTER SCOTT, THOMAS MOORE, ROBERT SOUTHEY, and other eminent Writers.

The Series, complete, in One Hundred and Thirty-three Volumes, £39. 18s. The works, separately, 6s. per volume.

THE SERIES COMPRISES:—

1. Bell's History of Russia	3 vols. 18s.	31. Kater and Lardner's Treatise on Mechanics	1 vol. 6s.
2. Bell's Lives of British Poets ..	2 vols. 12s.	32. Keightley's Outlines of History	1 vol. 6s.
3. Brewster's Treatise on Optics ..	1 vol. 6s.	33. Lardner's Treatise on Arithmetic	1 vol. 6s.
4. Cooley's History of Maritime and Inland Discovery	3 vols. 18s.	34. Lardner's Treatise on Geometry	1 vol. 6s.
5. Crowe's History of France	3 vols. 18s.	35. Lardner's Treatise on Heat	1 vol. 6s.
6. De Morgan's Treatise on Probabilities	1 vol. 6s.	36. Lardner's Treatise on Hydrostatics and Pneumatics	1 vol. 6s.
7. De Sismondi's History of the Italian Republics	1 vol. 6s.	37. Lardner and Walker's Electricity and Magnetism	2 vols. 12s.
8. De Sismondi's Fall of the Roman Empire	2 vols. 12s.	38. Mackintosh, Wallace, and Bell's History of England	10 vols. 60s.
9. Donovan's Treatise on Chemistry	1 vol. 6s.	39. Montgomery and Shelley's Lives of Italian, Spanish, and Portuguese Authors	3 vols. 18s.
10. Donovan's Domestic Economy ..	2 vols. 12s.	40. Moore's History of Ireland	4 vols. 24s.
11. Dunham's History of Spain and Portugal	5 vols. 30s.	41. Nicolas's Chronol. of History	1 vol. 6s.
12. Dunham's History of Denmark, Sweden, and Norway ..	3 vols. 18s.	42. Phillips's Treatise on Geology	2 vols. 12s.
13. Dunham's History of Poland	1 vol. 6s.	43. Powell's History of Natural Philosophy	1 vol. 6s.
14. Dunham's History of the Germanic Empire	3 vols. 18s.	44. Porter's Treatise on the Manufacture of Silk	1 vol. 6s.
15. Dunham's History of Europe during the Middle Ages	4 vols. 24s.	45. Porter's Treatise on the Manufacture of Porcelain and Glass	1 vol. 6s.
16. Dunham's Lives of British Dramatists	2 vols. 12s.	46. Roscoe's Lives of Brit. Lawyers	1 vol. 6s.
17. Dunham's Lives of Early Writers of Great Britain	1 vol. 6s.	47. Scott's History of Scotland	2 vols. 12s.
18. Fergus's History of the United States	2 vols. 12s.	48. Shelley's Lives of French Authors	12s.
19. Fosbroke's Grecian and Roman Antiquities	2 vols. 12s.	49. Shuckard and Swainson's Treatise on Insects	1 vol. 6s.
20. Forster's Lives of the Statesmen of the Commonwealth	5 vols. 30s.	50. Southey's Lives of British Admirals	5 vols. 30s.
21. Forster, Mackintosh, and Courtenay's Lives of British Statesmen	7 vols. 42s.	51. Stedding's Hist. of the Church	2 vols. 12s.
22. Gleig's Lives of Military Commanders	3 vols. 18s.	52. Stedding's History of the Reformation	2 vols. 12s.
23. Grattan's History of the Netherlands	1 vol. 6s.	53. Swainson's Preliminary Discourse on Natural History	1 vol. 6s.
24. Henslow's Treatise on Botany	1 vol. 6s.	54. Swainson's Natural History and Classification of Animals	1 vol. 6s.
25. Herschel's Treatise on Astronomy	1 vol. 6s.	55. Swainson's Habits and Instincts of Animals	1 vol. 6s.
26. Herschel's Preliminary Discourse on the Study of Natural Philosophy	1 vol. 6s.	56. Swainson's Quadrupeds	1 vol. 6s.
27. History of Rome	2 vols. 12s.	57. Swainson's Birds	2 vols. 12s.
28. History of Switzerland	1 vol. 6s.	58. Swainson's Fish, Reptiles, &c.	2 vols. 12s.
29. Holland's Treatise on the Manufactures in Metal	3 vols. 18s.	59. Swainson's Shells and Shellfish	1 vol. 6s.
30. James's Lives of Foreign Statesmen	5 vols. 30s.	60. Swainson's Animals in Menageries	1 vol. 6s.

LAING.—THE CHRONICLE OF THE KINGS OF NORWAY,

From the Earliest Period of the History of the Northern Sea Kings to the Middle of the Twelfth Century, commonly called THE HEIMSKRINGLA. Translated from the Icelandic of Snorro Sturleson, with Notes, and a Preliminary Discourse, by SAMUEL LAING, Esq. 3 vols. 8vo. 36s. cloth.

LAING.—A TOUR IN SWEDEN,

In 1838; comprising observations on the Moral, Political, and Economical State of the Swedish Nation. By SAMUEL LAING, Esq. 8vo. 12s. cloth.

LANDOR.—THE FOUNTAIN OF ARETHUSA.

By ROBERT EYRES LANDOR, M.A. Author of "The Fawn of Sertorius," "The Impious Feast," Tragedies, &c. 2 vols. post 8vo. 18s. cloth.

LATHAM.—ON DISEASES OF THE HEART.

Lectures on Subjects connected with Clinical Medicine; comprising Diseases of the Heart. By P. M. LATHAM, M. D., Physician Extraordinary to the Queen; and late Physician to St. Bartholomew's Hospital. New Edition. 2 vols. 12mo. 16s. cloth.

LEE.—ELEMENTS OF NATURAL HISTORY,

For the use of Schools and Young Persons: comprising the Principles of Classification interspersed with amusing and instructive original Accounts of the most remarkable Animals. By Mrs. R. LEE. 12mo. with Fifty-five Woodcuts, 7s. 6d. bound.

LEE.—TAXIDERMY;

Or, the Art of Collecting, Preparing, and Mounting Objects of Natural History. For the use of Museums and Travellers. By Mrs. R. LEE. New Edition, improved, with an account of a Visit to Walton Hall, and Mr. Waterton's Method of Preserving Animals. Fcp. 8vo. with Woodcuts, 7s. cloth.

L. E. L.—THE POETICAL WORKS OF LETITIA ELIZABETH LONDON;

comprising the IMPROVISATRICE, the VENETIAN BRACELET, the GOLDEN VIOLET, the TROUBADOUR, and other Poetical Remains. New Edition, uniform with the smaller Edition of Mr. Macaulay's "Lays of Ancient Rome," and Moore's "Songs, Ballads, and Sacred Songs." 2 vols. 16mo. with Vignette-titles. [Nearly ready.]

* Also, an Edition, in 4 vols. fcp. 8vo. with Illustrations by Howard, &c. 28s. cloth; or £2. 4s. bound in morocco.

LESLIE.—MEMOIRS OF THE LIFE OF JOHN CONSTABLE,

Esq. R.A. Composed chiefly of his Letters. By C. R. LESLIE, Esq. R.A. New Edition, with further Extracts from his Correspondence. With two Portraits (one from a new Sketch by Mr. Leslie), and a Plate of "Spring," engraved by Lucas. Small 4to. 21s. cloth. *

LETTERS TO MY UNKNOWN FRIENDS.

By A LADY, Author of "Twelve Years Ago." New Edition. Fcp. 8vo. 6s. 6d. cloth.

LINDLEY.—INTRODUCTION TO BOTANY.

By J. LINDLEY, Ph.D. F.R.S. L.S. &c. Professor of Botany in University College, London. New Edition, with Corrections and copious Additions. 2 vols. 8vo. with Six Plates and numerous Woodcuts, 24s. cloth.

LINDLEY.—A SYNOPSIS OF THE BRITISH FLORA,

Arranged according to the Natural Orders. By Professor JOHN LINDLEY, Ph.D., F.R.S., &c. New Edition, with numerous additions and corrections. 12mo. 10s. 6d. cloth.

LINDLEY.—THE THEORY OF HORTICULTURE;

Or, an Attempt to explain the Principal Operations of Gardening upon Physiological Principles. By Professor JOHN LINDLEY, Ph.D. F.R.S. 8vo. with Woodcuts, 12s. cloth.

LINDLEY.—GUIDE TO ORCHARD AND KITCHEN GARDEN

Or, an Account of the most valuable Fruits and Vegetables cultivated in Great Britain: with Kalendars of the Work required in the Orchard and Kitchen Garden during every month in the year. By G. LINDLEY, C.M.H.S. Edited by Professor J. LINDLEY. 8vo. 16s. cloth.

LINWOOD.—ANTHOLOGIA OXONIENSIS,

Sive Florilegium e lusibus poetis diversorum Oxoniensium Gracis et Latinis decerpsum.
Curante GULIELMO LINWOOD, M.A. Aedit Christi Alumno. 8vo. 14s. cloth.

LORIMER.—LETTERS TO A YOUNG MASTER MARINER

On some Subjects connected with his Calling. By the late CHARLES LORIMER. New Edit. Fcp. 8vo. 5s. 6d. cloth.

"This edition has been carefully revised, and some improvements and additions made to it. Nautical matters are not so much the subject of the book as the commercial duties and legal powers and responsibilities of the master mariner, under the critical circumstances in which he may continually find himself."

SPECTATOR.

LOUDON.—THE AMATEUR GARDENER'S CALENDAR:

Being a Monthly Guide as to what should be avoided, as well as what should be done, in a Garden in each Month: with plain Rules *how to do* what is requisite; Directions for Laying Out and Planting Kitchen and Flower Gardens, Pleasure Grounds, and Shrubberies; and a short Account, in each Month, of the Quadrupeds, Birds, and Insects then most injurious to Gardens. By Mrs. LOUDON. 16mo with Wood Engravings, 7s. 6d. cloth.

LOUDON.—THE LADY'S COUNTRY COMPANION;

Or, How to Enjoy a Country Life Rationally. By Mrs. LOUDON, Author of "Gardening for Ladies," &c. New Edition. Fcp. 8vo. with Plate and Wood Engravings, 7s. 6d. cloth.

LOUDON.—SELF-INSTRUCTION FOR YOUNG GARDENERS,

Foresters, Bailiffs, Land Stewards, and Farmers; in Arithmetic, Book-keeping, Geometry, Mensuration, Practical Trigonometry, Mechanics, Land-Surveying, Levelling, Planning and Mapping, Architectural Drawing, and Isometrical Projection and Perspective; with Examples shewing their applications to Horticulture and Agricultural Purposes. By the late J. C. LOUDON. With a Portrait of Mr. Loudon, and a Memoir by Mrs. Loudon. 8vo. with Wood-cuts, 7s. 6d. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF GARDENING:

Presenting, in one systematic view, the History and Present State of Gardening in all Countries, and its Theory and Practice in Great Britain: with the Management of the Kitchen Garden, the Flower Garden, Laying-out Grounds, &c. By J. C. LOUDON. New Edition, enlarged and improved. 8vo. with nearly 1,000 Engravings on Wood, 50s. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF TREES AND SHRUBS:

being the "Arboretum et Fruticetum Britannicum" abridged; containing the Hardy Trees and Shrubs of Great Britain, Native and Foreign, Scientifically and Popularly Described; with their Propagation, Culture, and Uses in the Arts; and with Engravings of nearly all the Species. Adapted for the use of Nurserymen, Gardeners, and Foresters. By J. C. LOUDON. 8vo. with 2,000 Engravings on Wood, £2. 10s. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF AGRICULTURE:

Comprising the Theory and Practice of the Valuation, Transfer, Laying-out, Improvement, and Management of Landed Property, and of the Cultivation and Economy of the Animal and Vegetable productions of Agriculture: including all the latest Improvements, a general History of Agriculture in all Countries, a Statistical View of its present State, with Suggestions for its future progress in the British Isles; and Supplement, bringing down the work to the year 1844. By J. C. LOUDON. New Edition. 8vo. with upwards of 1,100 Engravings on Wood, £2. 10s. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF PLANTS:

Including all the Plants which are now found in, or have been introduced, giving their Natural History, accompanied by such descriptions, engraved figures, and elementary details, as may enable a beginner, who is a mere English reader, to discover the name of every Plant which he may find in flower, and acquire all the information respecting it which is useful and interesting. By J. C. LOUDON. The Specific Characters by an Eminent Botanist; the Drawings by J. D. C. Sowerby. New Edition with Supplement, and new General Index. 8vo. with nearly 10,000 Wood Engravings, £3. 13s. 6d. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF COTTAGE, FARM, AND

VILLA ARCHITECTURE and FURNITURE; containing numerous Designs, from the Villa to the Cottage and the Farm, including Farm Houses, Farmeries, and other Agricultural Buildings; Country Inns, Public Houses, and Parochial Schools; with the requisite Fittings-up, Fixtures, and Furniture, and appropriate Offices, Gardens, and Garden Scenery; each Design accompanied by Analytical and Critical Remarks. By J. C. LOUDON. New Edition, edited by Mrs. LOUDON. 8vo. with more than 2,000 Engravings on Wood, £3. 3s. cloth.

LOUDON.—HORTUS BRITANNICUS:

A Catalogue of all the Plants Indigenous to or introduced into Britain. By J. C. LOUDON. 3d Edition, with a New Supplement, prepared, under the direction of Mr. LOUDON, by W. H. BAXTER, and revised by GEORGE DON. 8vo. 31s. 6d. cloth.

LOUDON.—HORTUS LIGNOSIS LONDINENSIS:

Or, a Catalogue of all the Lignous Plants cultivated in the neighbourhood of London. To which are added, their usual prices in Nurseries. By J. C. LOUDON. 8vo. 7s. 6d. cloth.

LOW.—ON THE DOMESTICATED ANIMALS OF GREAT BRITAIN;

comprehending the Natural and Economical History of the Species and Breeds; Illustrations of the Properties of External Form; and Observations on the Principles and Practice of Breeding. By DAVID LOW, Esq. F.R.S.E. Professor of Agriculture in the University of Edinburgh. 8vo. with Engravings on Wood, 25s. cloth.

LOW.—THE BREEDS OF THE DOMESTICATED ANIMALS

Of Great Britain Described. By DAVID LOW, Esq. F.R.S.E. The Plates from Drawings by W. Nicholson, R.S.A. reduced from a Series of Oil Paintings, executed for the Agricultural Museum of the University of Edinburgh, by W. Shiels, R.S.A. 2 vols. atlas quarto, with 56 plates of animals, beautifully coloured after Nature, £16. 16s. half-bound in morocco.—Or in four separate portions, as follows:—

The OX. With 22 plates, £6. 16s. 6d. | The HORSE. With 8 plates, £3.
The SHEEP. With 21 plates, £6. 16s. 6d. | The HOG. With 5 plates, £2. 2s.

LOW.—ELEMENTS OF PRACTICAL AGRICULTURE;

Comprehending the Cultivation of Plants, the Husbandry of the Domestic Animals, and the Economy of the Farm. By D. Low, Esq. F.R.S.E. New Edition, with Alterations and Additions, and an entirely new set of above 200 Woodcuts. 8vo. 21s. cloth.

LOW.—ON LANDED PROPERTY,

and the ECONOMY of ESTATES; comprehending the Relation of Landlord and Tenant; and the Principles and Forms of Leases; Farm-Buildings, Enclosures, Drains, Embankments, and other Rural Works; Minerals; and Woods. By DAVID LOW, Esq. F.R.S.E. 8vo. with numerous Wood Engravings, 21s. cloth.

LOW.—AN INQUIRY INTO THE NATURE OF THE SIMPLE BODIES OF CHEMISTRY.

By D. Low, F.R.S.E. Author of "Elements of Practical Agriculture," "A Treatise on Landed Property and the Economy of Estates," "A Treatise on the Breeds of the British Domesticated Animals," "The Breeds of the Domesticated Animals of Great Britain Illustrated and Described." 2d Edition, enlarged and improved. 8vo. 9s. cloth.

MACAULAY.—THE HISTORY OF ENGLAND FROM THE ACCESSION OF JAMES II.

By THOMAS BABINGTON MACAULAY. 5th Edition. Vols. I. and II. 8vo. 32s. cloth.

MACAULAY.—CRITICAL AND HISTORICAL ESSAYS CONTRIBUTED to The EDINBURGH REVIEW.

By THOMAS BABINGTON MACAULAY. 6th Edition. 3 vols. 8vo. 36s. cloth.

MACAULAY.—LAYS OF ANCIENT ROME.

With "Ivy" and "The Armada." By THOMAS BABINGTON MACAULAY. New Edition. 16mo. 4s. 6d. cloth; or 10s. 6d. bound in morocco.

MR. MACAULAY'S LAYS OF ANCIENT ROME.

With numerous Illustrations, Original and from the Antique, drawn on Wood by George Scharf, Jun. and engraved by Samuel Williams. New Edition. Fcp. 4to. 21s. boards; morocco, 42s.

MACKAY.—THE SCENERY AND POETRY OF THE ENGLISH LAKES.

Summer Ramble. By CHARLES MACKAY, Esq. LL.D. Author of "The Thames, and its Tributaries," &c. 8vo. with beautiful Wood Engravings from Original Sketches, 14s. cloth.

MACKINTOSH.—SIR JAMES MACKINTOSH'S MISCELLANEOUS WORKS;

including his Contributions to THE EDINBURGH REVIEW. Edited by ROBERT JAMES MACKINTOSH, Esq. 3 vols. 8vo. 42s. cloth.

MACKINTOSH.—THE LIFE OF SIR THOMAS MORE.

* By Sir JAMES MACKINTOSH. Reprinted from the Cabinet Cyclopædia. Fcp. 8vo. "with" Portrait, ss. cloth; or bound in vellum, 8s.

M'CULLOCH.—A DICTIONARY, PRACTICAL, THEORETICAL, AND HISTORICAL, OF COMMERCE AND COMMERCIAL NAVIGATION. Illustrated with Maps and Plans. By J. R. M'CULLOCH, Esq. New Edition, (1849), corrected, enlarged, and improved; with a Supplement. 8vo. 50s. cloth; or 55s. half-bound in Russia.

** The SUPPLEMENT to the last Edition, published in 1847, may be had separately, price 4s. 6d. sewed.

M'CULLOCH.—A DICTIONARY, GEOGRAPHICAL, STATISTICAL, AND HISTORICAL, of the various Countries, Places, and Principal Natural Objects in the WORLD. By J. R. M'CULLOCH, Esq. New Edition (1849), revised and enlarged; including new articles on Australia, Austria, the British Empire, France, &c.: in 2 thick and closely-printed Volumes, illustrated with 6 large Maps 8vo. £4. cloth.

** A SUPPLEMENT to the Edition published in 1845 embodies the latest information with respect to the Australian Colonies, New Zealand, Natal, Labuan, &c. Price Half-a-Crown.

M'CULLOCH.—AN ACCOUNT, DESCRIPTIVE AND STATISTICAL, of the BRITISH EMPIRE; exhibiting its Extent, Physical Capacities, Population, Industry, and Civil and Religious Institutions. By J. R. M'CULLOCH, Esq. New Edition corrected, enlarged, and greatly improved 2 thick vols. 8vo. 12s. cloth.

M'CULLOCH.—THE LITERATURE OF POLITICAL ECONOMY; being a Classified Catalogue of the principal Works in the different departments of Political Economy, with Historical, Critical, and Biographical Notices. By J. R. M'CULLOCH, Esq. 8vo. 14s. cloth.

M'CULLOCH.—A TREATISE ON THE SUCCESSION TO PROPERTY Vacant by Death: including Inquiries into the Influence of Primogeniture, Entails, the Law of Compulsory Partition, Foundations, &c. over the Public Interests. By J. R. M'CULLOCH, Esq. 8vo. 6s. 6d. cloth.

M'CULLOCH.—A TREATISE ON THE PRINCIPLES AND PRACTICAL INFLUENCE of TAXATION and the FUNDING SYSTEM. By J. R. M'CULLOCH, Esq. 8vo. 10s. cloth.

MADAME DE MALGUET:

A Tale of 1820. 3 vols. post 8vo. 31s. boards.

MAITLAND.—THE APOSTLES' SCHOOL OF PROPHETIC INTERPRETATION: with its History to the Present Time. By CHARLES MAITLAND, Author of "The Church in the Catacombs." 8vo. 12s. cloth.

"We have no hesitation in recommending it to the consideration of all students of the prophetic writings, as one of the most valuable works that has ever appeared on the subject." BRITISH MAGAZINE.

MAITLAND.—THE CHURCH IN THE CATACOMBS:

A Description of the Primitive Church of Rome. Illustrated by its Sepulchral Remains. By CHARLES MAITLAND. New Edition, corrected. 8vo. with numerous Wood Engravings, 14s. cloth.

MARCET.—CONVERSATIONS ON CHEMISTRY;

In which the Elements of that Science are familiarly Explained and Illustrated by Experiments. By JANE MARCET. New Edition, enlarged and improved. 2 vols. fcp. 8vo. 14s. cloth.

MARCET.—CONVERSATIONS ON NATURAL PHILOSOPHY;

In which the Elements of that Science are familiarly explained. By JANE MARCET. New Edition, enlarged and corrected. 1^{ep}. 8vo. with 23 Plates, 10s. 6d. cloth.

MARCET.—CONVERSATIONS ON POLITICAL ECONOMY;

In which the Elements of that Science are familiarly explained. By JANE MARCET. New Edition revised and enlarged. Fcp. 8vo. 7s. 6d. cloth.

MARCET.—CONVERSATIONS ON VEGETABLE PHYSIOLOGY; comprehending the Elements of Botany, with their application to Agriculture. By JANE MARCET. New Edition. Fcp. 8vo. with 4 Plates, 9s. cloth.

MARCET.—CONVERSATIONS ON LAND AND WATER.

By JANE MARCET. New Edition, revised and corrected. With a coloured Map, shewing the comparative altitude of Mountains. Fcp. 8vo. 5s. 6d. cloth. *

THE MARRIAGE SERVICE (ILLUMINATED).

THE FORM OF SOLEMNIZATION of MATRIMONY. From "The Book of Common Prayer." Illuminated, in the Missal Style, by OWEN JONES. Sq. 18mo. 21s. [Nearly ready.]

MARRYAT.—BORNEO AND THE EAST INDIAN ARCHI-

PELAGO. By FRANCIS S. MARRYAT, late Midshipman of H.M.S. Samarang. Surveying Vessel. With many Drawings of Costume and Scenery, from Original Sketches made on the spot by Mr. Marryat. Imperial 8vo. with numerous Lithographic Plates and Wood Engravings, 31s. 6d. cloth.

MARRYAT.—MASTERMAN READY;

Or, the Wreck of the Pacific. Written for Young People. By Captain F. MARRYAT, C.B. Author of "Peter Simple," &c. 3 vols. fcp. 8vo. with Wood Engravings, 22s. 6d. cloth.

MARRYAT.—THE MISSION;

Or, Scenes in Africa. Written for Young People. By Captain F. MARRYAT, C.B. Author of "Masterman Ready," &c. 2 vols. fcp. 8vo. 12s. cloth.

MARRYAT.—THE PRIVATEER'S-MAN ONE HUNDRED

YEARS AGO. By Captain F. MARRYAT, C.B. Author of "Masterman Ready," &c. 2 vols. fcp. 8vo. 12s. cloth.

MARRYAT.—THE SETTLERS IN CANADA.

Written for Young People. By Captain F. MARRYAT, C.B. Author of "Masterman Ready," &c. New Edition. Fcp. 8vo. with 2 Illustrations, 7s. 6d. cloth.

MATTEUCCI.—LECTURES ON THE PHYSICAL PHÆNO-

MENA OF LIVING BEINGS. By SIGNOR CARLO MATTEUCCI, Professor in the University of Pisa. Translated under the superintendence of J. Pereira, M.D.F.R.S. Vice-President of the Royal Medical and Chirurgical Society. 12mo. 9s. cloth.

MAUNDER.—THE TREASURY OF KNOWLEDGE,

And LIBRARY of REFERENCE. Comprising an English Grammar; Tables of English Verbal Distinctions; Proverbs, Terms, and Phrases, in Latin, Spanish, French, and Italian translated; New and Enlarged English Dictionary; Directions for Pronunciation; New Universal Gazetteer; Tables of Population and Statistics; List of Cities, Boroughs, and Market Towns in the United Kingdom; Regulations of the General Post Office; List of Foreign Animal, Vegetable, and Mineral Productions; Compendious Classical Dictionary; Scripture Proper Names accented, and Christian Names of Men and Women: with Latin Maxims translated; List of Abbreviations; Chronology and History; compendious Law Dictionary; Abstract of Tax Acts; Interest and other Tables; Forms of Epistolary Address; Tables of Precedency; Synopsis of the British Peerage; and Tables of Number, Money, Weights, and Measures. By SAMUEL MAUNDER. 18th Edition, revised throughout, and greatly enlarged. Fcp. 8vo. 10s. cloth; bound in roan, 12s.

MAUNDER.—THE SCIENTIFIC & LITERARY TREASURY;

A new and popular Encyclopedia of Science and the Belles-Lettres; including all Branches of Science, and every Subject connected with Literature and Art. The whole written in a familiar style, adapted to the comprehension of all persons desirous of acquiring information on the subjects comprised in the work, and also adapted for a Manual of convenient Reference to the more instructed. By S. MAUNDER. New Edition. Fcp. 8vo. 10s. cloth; bound in roan, 12s.

MAUNDER.—THE TREASURY OF NATURAL HISTORY;

Or, a Popular Dictionary of Animated Nature: in which the Zoological Characteristics that distinguish the different Classes, Genera, and Species are combined with a variety of interesting Information illustrative of the Habits, Instincts, and General Economy of the Animal Kingdom. To which are added, a Syllabus of Practical Taxidermy, and a Glossarial Appendix. Embellished with 900 accurate Engravings on Wood, from Drawings made expressly for this work. By SAMUEL MAUNDER. New Edition. Fcp. 8vo. 10s. cloth; bound in roan, 12s.

MAUNDER.—THE BIOGRAPHICAL TREASURY;

Consisting of Memoirs, Sketches, and brief Notices of above 12,000 Eminent Persons of all Ages, and Nations, from the Earliest Period of History; forming a new and complete Dictionary of Universal Biography. By SAMUEL MAUNDER. New Edition, revised throughout, and containing a copious Supplement. Fcp. 8vo. 10s. cloth; bound in roan, 12s.

MAUNDER.—THE TREASURY OF HISTORY;

Comprising a General Introductory Outline of Universal History, Ancient and Modern, and a Series of separate Histories of every principal Nation that exists; their Rise, Progress, and Present Condition, the Moral and Social Character of their respective inhabitants, their Religion, Manners, and Customs, &c. By SAMUEL MAUNDER. New Edition. Fcp. 8vo. 10s. cloth; bound in roan, 12s.

MAXIMS AND PRECEPTS OF THE SAVIOUR:

Being a Selection of the most beautiful Christian Precepts contained in the Four Gospels; illustrated by a series of Illuminations of original character, founded on the Passages—“Behold the Fowls of the Air,” &c., “Consider the Lilies of the Field,” &c. In a rich binding, in the style of the celebrated opus Anglicum. Square fcp. 8vo. 21s.; or 30s. bound in morocco.

MEMOIRS OF THE GEOLOGICAL SURVEY OF GREAT

BRITAIN, and of the Museum of Economic Geology in London. Published by order of the Lords Commissioners of Her Majesty's Treasury. Royal 8vo. with Woodcuts and 9 large Plates (seven coloured), 21s. cloth; and Vol. II. in Two thick Parts, with 63 Plates (three coloured), and numerous Woodcuts, 42s. cloth, or, separately, 21s. each Part.—Also BRITISH ORGANIC REMAINS; consisting of Plates of Figures engraved on Steel, with descriptive Letterpress, and forming a portion of the Memoirs of the Geological Survey Decades I. and II. royal 8vo. 2s. 6d. each; or, royal 4to. 4s. 6d. each, sewed.

MERIVALE.—A HISTORY OF ROME UNDER THE EMPÉRS.

Book the First, “Julius Caesar.” By the Rev. CHARLES MERIVALE. 2 vols. 8vo. *Nearly ready.*

MILNER.—THE HISTORY OF THE CHURCH OF CHRIST

By the REV. JOSEPH MILNER, A.M. With Additions and Corrections by the Late Rev. ISAAC MILNER, D.D. F.R.S. A New Edition, revised and corrected throughout, by Rev. T. GRANTHAM, B.D. Rector of Bramber, and Chaplain to the Lord Bishop of Kildare. 4 vols. 8vo. £2. 12s. cloth.

THE MIRACLES OF OUR SAVIOUR (ILLUMINATED).

With rich and appropriate Borders of original Design, a series of Illuminated Figures of the Apostles, from the Old Masters, six Illuminated Miniatures, and other embellishments. By the Illuminator of the “Parables.” Square fcp. 8vo. in massive carved covers, 21s.; or bound in morocco, 30s.

MITCHELL.—JOURNAL OF AN EXPEDITION INTO THE

Interior of Tropical Australia, in Search of a Route from Sydney to the Gulf of Carpentaria. By LIEUT-COLONEL Sir T. L. MITCHELL, Knt. D.C.L. Surveyor-General of New South Wales, and late elective Member of the Legislative Council of that Colony. 8vo. with Maps, Views, and Engravings of Objects of Natural History, 21s. cloth.

JAMES MONTGOMERY'S POETICAL WORKS.

New and only Complete Edition. With some additional Poems, and Autobiographical Prefaces. Collected and Edited by MR. MONTGOMERY. 4 vols. fcp. 8vo. with Portrait, and Seven other Plates, 20s. cloth; or bound in morocco, 36s.

MOORE.—MAN AND HIS MOTIVES.

By GEORGE MOORE, M.D. Member of the Royal College of Physicians, London, &c.; Author of “The Power of the Soul over the Body,” and “The Use of the Body in relation to the Mind.” New Edition. Post 8vo. 8s. cloth.

MOORE.—THE POWER OF THE SOUL OVER THE BODY,

Considered in relation to Health and Morals. By GEORGE MOORE, M.D. Member of the Royal College of Physicians, London, &c. New Edition. Post 8vo. 7s. 6d. cloth.

MOORE.—THE USE OF THE BODY IN RELATION TO THE

MIND. By GEORGE MOORE, M.D. Member of the Royal College of Physicians, London, &c. New Edition. Post 8vo. 8s. cloth.

THOMAS MOORE'S POETICAL WORKS;

Containing the Author's recent Introduction and Notes. Complete in one volume, uniform with Lord Byron's and Southey's Poems. With a New Portrait, by George Richmond, and a View of the Residence of the Poet. 8vo. 21s. cloth; or 42s. bound in morocco.

* Also, an Edition in 10 vols. fcp. 8vo. with Portrait, and 19 Plates, £2. 10s. cloth; bound in morocco, £4. 10s.

MOORE.—SONGS, BALLADS, AND SACRED SONGS."

By THOMAS MOORE, Author of "Lalla Rookh," "Irish Melodies," &c. First collected Edition, uniform with the New Edition of Moore's "Irish Melodies," and "Lalla Rookh." 16mo. with Vignette Title. [In October.]

MOORE'S IRISH MELODIES.

New and Cheaper Edition, uniform with the smaller Edition of Mr. Macaulay's "Lays of Ancient Rome." With the Autobiographical Preface from the Collective Edition of Mr. Moore's Poetical Works, and a Vignette by D. MacLise, R.A., Engraved on Wood by J. Thompson. 16mo. 5s. cloth; or 12s. 6d. bound in morocco, by Hayday.

MOORE'S IRISH MELODIES.

With Vignette Title, from a design by Corbould. New Edition. Fcp. 8vo. 10s. cloth; or, bound in morocco, 13s. 6d.

MOORE'S IRISH MELODIES.

Illustrated by D. MACLISE, R.A. Imperial 8vo. with 161 Steel Plates, £3. 3s. boards; or £4. 14s. 6d. bound in morocco, by Hayday. Proof Impressions (only 200 copies printed, of which a few remain), £6. 6s. boards.

MOORE'S LALLA ROOKH: AN ORIENTAL ROMANCE.

New and Cheaper Edition, uniform with the smaller Edition of Mr. Macaulay's "Lays of Ancient Rome." With the Autobiographical Preface from the Collective Edition of Mr. Moore's Poetical Works, and a Vignette by D. MacLise, R.A., Engraved on Wood by J. Thompson. 16mo. 5s. cloth; or 12s. 6d. bound in morocco, by Hayday.

MOORE'S LALLA ROOKH: AN ORIENTAL ROMANCE.

With Four Engravings, from Paintings by Westall. New Edition. Fcp. 8vo. 10s. 6d. cloth; or, bound in morocco, 14s.

MOORE'S LALLA ROOKH: AN ORIENTAL ROMANCE.

With 13 Plates from Designs by Corbould, Meadows, and Stephanoff, engraved under the superintendence of Mr. Charles Heath. 8vo. 21s. cloth; morocco, 35s; or, with India Proof Plates, 42s. cloth.

MORELL.—THE PHILOSOPHY OF RELIGION.

By J. D. Morell, M.A. Author of an Historical and Critical "View of the Speculative Philosophy of Europe in the Nineteenth Century." 8vo. 12s. cloth.

MOSELEY.—THE MECHANICAL PRINCIPLES OF ENGINEERING AND ARCHITECTURE.

By the Rev. H. MOSELEY, M.A. F.R.S., Professor of Natural Philosophy and Astronomy in King's College, London; and Author of "Illustrations of Practical Mechanics," &c. 8vo. with Woodcuts and Diagrams, 24s. cloth.

MOSELEY.—ILLUSTRATIONS OF PRACTICAL MECHANICS.

By the Rev. H. MOSELEY, M.A., Professor of Natural Philosophy and Astronomy in King's College, London; being the First Volume of the Illustrations of Science by the Professors of King's College. New Edition. Fcp. 8vo. with numerous Woodcuts, 8s. cloth.

MOSHEIM'S ECCLESIASTICAL HISTORY,

Ancient and Modern. Translated, with copious Notes, by JAMES MURDOCK, D.D. New Edition, revised, and continued to the present time, by the Rev. HENRY SOAMES, M.A. 4 vols. 8vo. 48s. cloth.

MURE.—A CRITICAL HISTORY OF THE LANGUAGE AND LITERATURE OF ANCIENT GREECE, from the Earliest Period to the Death of Solon. By WILLIAM MURE, M.P., of Caldwell. 3 vols. 8vo. [In the press.]**MURRAY.—ENCYCLOPÆDIA OF GEOGRAPHY;**

Comprising a complete Description of the Earth: exhibiting its Relation to the Heavenly Bodies, its Physical Structure, the Natural History of each Country, and the Industry, Commerce, Political Institutions, and Civil and Social State of all Nations. By HUGH MURRAY, F.R.S.E.: assisted by other Writers of eminence. New Edition. 8vo. with 82 Maps, and upwards of 1,000 other Woodcuts, £3. Cloth.

NEALE.—THE CLOSING SCENE :

Or, Christianity and Infidelity contrasted in the Last Hours of Remarkable Persons. By the Rev. ERSKINE NEALE, M.A., Rector of Kirton, Suffolk; Author of "The Bishop's Daughter," "Self-Sacrifice," "The Life-Book of a Labourer," &c. New Edition. 2 vols. fcp. 8vo. 13s. cloth.
** Separately—Vol. I. (First Series), 6s.; Vol. II. (Second Series), 7s.

NECKER DE SAUSSURE.—PROGRESSIVE EDUCATION ;

Or, Considerations on the Course of Life. Translated and abridged from the French of Madame NECKER DE SAUSSURE, by Miss HOLLAND. 3 vols. fcp. 8vo. 19s. 6d. cloth.
** Separately—Vols. I. and II. 12s.; Vol. III. 7s. 6d.

OWEN.—LECTURES ON THE COMPARATIVE ANATOMY and PHYSIOLOGY of the INVERTEBRATE ANIMALS, delivered at the Royal College of Surgeons in 1843. By RICHARD OWEN, F.R.S. Hunterian Professor to the College. 8vo. with nearly 140 Wood Engravings, 14s. cloth.

OWEN.—LECTURES ON THE COMPARATIVE ANATOMY and PHYSIOLOGY of the VERTEBRATE ANIMALS, delivered at the Royal College of Surgeons in 1844 and 1846. By RICHARD OWEN, F.R.S. Hunterian Professor to the College. In 2 vols. Vol. I. 8vo. with numerous Woodcuts, 14s. cloth.

PARABLES OF OUR LORD (ILLUMINATED).

PARABLES of OUR LORD, richly illuminated, with appropriate Borders, printed in Colours and in Black and Gold; with a Design from one of the early German Engravers. Square fcp. 8vo. 21s. in a massive carved binding; or 30s. bound in morocco.

PARKES.—DOMESTIC DUTIES ;

Or, Instructions to Young Married Ladies on the Management of their Households, and the Regulation of their Conduct in the various Relations and Duties of Married Life. By Mrs. W. PARKES. New Edition. Fcp. 8vo. 9s. cloth.

PARNELL.—A TREATISE ON ROADS,

Wherein the Principles on which Roads should be made are explained and illustrated by the Plans, Specifications, and Contracts, made use of by Thomas Telford, Esq. on the Holy Road. By SIR HENRY PARNELL, Bart. New Edition, 8vo. with 9 Plates, 21s. cloth.

PARROT.—THE ASCENT OF MOUNT ARARAT.

By DR. FRIEDRICH PARROT, Professor of Natural Philosophy in the University of Dorpat Russian Imperial Councillor of State, &c. Translated and Edited by W. D. COOLEY, Esq. Author of the "History of Maritime and Inland Discovery," &c. 8vo. with a Map by Arrowsmith, and Woodcuts, 14s. cloth.

PASCAL'S MISCELLANEOUS WRITINGS :

Consisting of Correspondence with Relatives and Friends; Letter on the Death of his Father in a complete state, from original sources; Philosophical Treatises; Discourse on the "Passion of Love" (lately discovered); Essay on the Art of Persuasion, and Notes on Eloquence and Style; Conversations—On the Condition of the Great, &c.; detached Thoughts and Notes &c.; the greater part never before published in this Country, and large portions from Original MSS. Arranged and translated from the French Edition of M. P. Faugère, with Introduction, Editorial Notices, Notes, &c. By G. PEARCE, Esq. Post 8vo. 8s. 6d. cloth.

PASCAL'S PROVINCIAL LETTERS :

With an "Essay on Pascal, considered as a Writer and Moralist," by M. VILLEMAIN, Pee de France, late Minister of Public Instruction, &c. Newly translated from the French, with Memoir, Notes, and Appendix, by G. PEARCE, Esq. Post 8vo. with Portrait, 8s. 6d. cloth.

PEREIRA.—A TREATISE ON FOOD AND DIET :

With Observations on the Dietetical Regimen suited for Disordered States of the Digestive Organs; and an Account of the Dietaries of some of the principal Metropolitan and other Establishments for Paupers, Lunatics, Criminals, Children, the Sick, &c. By JON. PEREIRA M.D. F.R.S. & L.S. Author of "Elements of Material Medica." 8vo. 16s. cloth.

PESCHEL.—ELEMENTS OF PHYSICS.

By C. F. PESCHEL, Principal of the Royal Military College, Dresden. Translated from the German, with Notes, by E. WEST. 3 vols. fcp. 8vo. with Diagrams and Woodcuts, 21s. cloth.

Separately { Part 1. The Physics of Ponderable Bodies. Fcp. 8vo. 7s. 6d. cloth.
Part 2. Imponderable Bodies (Light, Heat, Magnetism, Electricity, and Electro-Dynamics). 2 vols. fcp. 8vo. 13s. 6d. cloth.

PHILLIPS.—AN ELEMENTARY INTRODUCTION TO MINERALOGY; comprising a Notice of the Characters, Properties, and Chemical Constitution of Minerals; with Accounts of the Places and Circumstances in which they are found. By **WILLIAM PHILLIPS, F.L.S.M.G.S. &c.** A New Edition, corrected, enlarged, and improved, by H. G. BROOKE, F.R.S.; and W. H. MILLER, M.A., F.R.S., Professor of Mineralogy in the University of Cambridge. 8vo. with numerous Wood Engravings. [In the press.]

PHILLIPS.—FIGURES AND DESCRIPTIONS OF THE PALÆOZOIC FOSSILS of CORNWALL, DEVON, and WEST SOMERSET; observed in the course of the Ordnance Geological Survey of that District. By **JOHN PHILLIPS, F.R.S. F.G.S. &c.** Published by Order of the Lords Commissioners of H.M. Treasury. 8vo. with 60 Plates, comprising very numerous figures, 9s. cloth.

PLUNKETT.—THE PAST AND FUTURE OF THE BRITISH NAVY. By Captain the Hon. E. PLUNKETT, R.N. Second Edition, corrected and enlarged; with Notes, and new Information communicated by several Officers of Distinction. Post 8vo. 8s. 6d. cloth.

THE POCKET AND THE STUD ;

Or, Practical Hints on the Management of the Stable. By **HARRY HIBBERD.** Author of "Stable-Talk and Table-Talk; or, Spectacles for Young Sportsmen." Fcp. 8vo. with Portrait of the Author on his favourite Horse "Harlequin," 5s. half-bound.

PORTLOCK.—REPORT ON THE GEOLOGY OF THE COUNTY of LONDONDERRY, and of Parts of Tyrone and Fermanagh, examined and described under the Authority of the Master-General and Board of Ordnance. By J. E. PORTLOCK, F.R.S. &c. 8vo. with 48 Plates, 24s. cloth.

POWER.—SKETCHES IN NEW ZEALAND,

with Pen and Pencil. By W. TYRONE POWER, D.A.C.G. From a Journal kept in that Country, from July 1846 to June 1848. With 8 Plates and 2 Woodcuts, from Drawings made on the spot. Post 8vo. 12s. cloth.

The book is very pleasantly written, crowded with picturesque sketches by both pen and pencil, and exhibiting, with brevity and clearness, a complete review of the past and present relations, complicated though in their origin and progress, between the native tribes, the New Zealand Company, the British Government, and the settlers. We have not seen the case of New Zealand stated so fairly or so intelligibly elsewhere. Mr. Power's personal narrative considerably enhances the interest and value of his statements. His journeys up rivers and mountains, and in various directions across a trackless country, his intercourse with the natives, and the incidents of savage life which every now and then rose upon him, are full of excitement, and bring out in their details an effective picture of the colony.

BENTLEY'S MISCELLANY.

PYCROFT.—THE COLLEGIAN'S GUIDE ;

Or, Recollections of College Days: setting forth the Advantages and Temptations of a University Education. By the Rev. JAMES PYCROFT, B.A., Author of "A Course of English Reading," &c. Post 8vo. 10s. 6d. cloth.

PYCROFT.—A COURSE OF ENGLISH READING,

Adapted to every Taste and Capacity: with Anecdotes of Men of Letters. By the Rev. JAMES PYCROFT, B.A. Author of "The Collegian's Guide, &c." Fcp. 8vo. 6s. 6d. cloth.

Ranke's History of the Reformation.

Translated by SARAH AUSTIN, Translator of Ranke's "History of the Popes." Vols. I. and II. 8vo. 30s., Vol. III. 18s., cloth.

READER.—TIME TABLES

On a New and Simplified Plan; to facilitate the Operation of Discounting Bills, and the Calculation of Interest on Banking and Current Accounts, &c.: shewing, WITHOUT CALCULATION, the Number of Days from every Day in the Year to any other Day, for any period not exceeding 365 Days. By THOMAS READER. Post 8vo. 14s. cloth; or 17s. calf lettered.

REID.—ILLUSTRATIONS OF THE PRINCIPLES AND PRACTICE of WARMING and VENTILATING, with Preliminary Remarks on Health and Length of Life. By D. B. REID, M.D. F.R.S.E. 8vo. with Diagrams and Woodcuts, 16s. cloth.

REST IN THE CHURCH.

By the Author of "From Oxford to Rome; and, How it Fared with some who lately made the Journey." New Edition. Fcp. 8vo. 6s. 6d. cloth.

RICH.—THE ILLUSTRATED COMPANION TO THE LATIN

DICTIONARY AND GREEK LEXICON: forming a Glossary of all the Words representing Visible Objects connected with the Arts, Manufactures, and Every-day Life of the Ancients. With Representations of nearly Two Thousand Objects from the Antique. By ANTHONY RICH, Jun. B.A. late of Caius College, Cambridge. Post 8vo. with about 2,000 Woodcuts, 21s. cloth.

RICHTER.—LEVANA; OR, THE DOCTRINE OF EDUCATION.
Translated from the German of JEAN PAUL FR. RICHTER. Post 8vo. 10s. 6d. cloth.

RIDDLE.—A COPIOUS AND CRITICAL LATIN-ENGLISH LEXICON, founded on the German-Latin Dictionaries of Dr. William Freund. By the Rev. J. E. RIDDLE, M.A. Author of "A Complete Latin-English and English-Latin Dictionary," "Ecclesiastical Chronology," &c. Post 4to. uniform with "Liddell and Scott's Greek Lexicon," £2. 10s. cloth.

RIDDLE.—A COMPLETE LATIN-ENGLISH AND ENGLISH-LATIN DICTIONARY, for the use of Colleges and Schools. By the Rev. J. E. RIDDLE, M.A. New Edition. 8vo. 3ls. 6d. cloth.
Separately } The English-Latin Dictionary, 10s. 6d. cloth.
 } The Latin-English Dictionary, 21s. cloth.

RIDDLE.—A DIAMOND LATIN-ENGLISH DICTIONARY.
For the Waistcoat-pocket. A Guide to the Meaning, Quality, and right Accentuation of Latin Classical Words. By the Rev. J. E. RIDDLE, M.A. New Edition. Royal 32mo. 4s. bound.

RIDDLE.—ECCLESIASTICAL CHRONOLOGY;
Or, Annals of the Christian Church, from its Foundation to the present Time. Containing a View of General Church History, and the Course of Secular Events; the Limits of the Church and its Relations to the State; Controversies; Sects and Parties; Ritual Institutions, and Discipline, &c. By the Rev. J. E. RIDDLE, M.A. 8vo. 15s. cloth.

RIDDLE.—LETTERS FROM AN ABSENT GODFATHER;
Or, a Compendium of Religious Instruction for Young Persons. By the Rev. J. E. RIDDLE, M.A. Fcp. 8vo. 6s. cloth.

RITCHIE.—RAILWAYS: THEIR RISE AND PROGRESS, and CONSTRUCTION. With Remarks on Railway Accidents, and Proposals for their Prevention. By ROBERT RITCHIE, Esq. F.R.S. S.A. Associate of the Institute of Civil Engineers. Fcp. 8vo. with Woodcut and Diagrams, 9s. cloth.

RIVERS.—THE ROSE AMATEUR'S GUIDE;
Containing ample Descriptions of all the fine leading varieties of Roses, regularly classed in their respective Families; their History and mode of Edition, corrected and improved. Fcp. 8vo. 6s. cloth.

ROBINSON.—THE WHOLE ART OF CURING, PICKLING, AND SMOKING MEAT AND FISH, both in the British and Foreign Modes. With many useful Miscellaneous Receipts, and full Directions for the Construction of an economical Drying Chimney and Apparatus, on an entirely New Plan. By JAMES ROBINSON, Eighteen Years a Practical Curer. Fcp. 8vo. 4s. 6d. cloth.

ROBINSON.—THE WHOLE ART OF MAKING BRITISH WINES, CORDIALS, and LIQUEURS, in the greatest Perfection; as also Strong and Cordial Waters. To which is added, a Collection of Valuable Recipes for Brewing Fine and Strong Ale, and Miscellaneous Articles connected with the Practice. By JAMES ROBINSON. Fcp. 8vo. 6s. cloth.

ROGERS.—THE VEGETABLE CULTIVATOR;
Containing a plain and accurate Description of all the different Species of Culinary Vegetables, with the most approved Method of Cultivating them by Natural and Artificial Means, and the best Modes of Cooking them. Together with a Description of the Physical Herbs in general Use. By J. ROGERS, Author of "The Fruit Cultivator." New Edition. Fcp. 8vo. 7s. cloth.

ROWTON.—THE FEMALE POETS OF GREAT BRITAIN, Chronologically arranged: with copious Selections, and Critical Remarks. By FREDERIC ROWTON, Author of "The Debater." Square crown 8vo. 14s. cloth.

ROWTON.—THE DEBATER;
Being a Series of Complete Debates, Outlines of Debates, and Questions for Discussion; with ample References to the best Sources of Information on each particular Topic. By FREDERIC ROWTON, Author of "The Female Poets of Great Britain." Fcp. 8vo. 6s. cloth.

SANDBY.—MESMERISM AND ITS OPPONENTS.

By GEORGE SANDBY, M.A. Vicar of Flixton, Suffolk. New Edition, considerably enlarged; with an Introductory Chapter on the Hostility of Scientific and Medical Men to Mesmerism. 16mo. 5s. cloth; or in 2 Parts, 2s. each.

SANDFORD—PAROCHIALIA.

Or, Church, School, and Parish. By JOHN SANDFORD, B.D. Vicar of Dunchurch, Chaplain to the Lord Bishop of Worcester, and Rural Dean. 8vo. with Woodcuts, 16s. cloth.

SANDFORD.—WOMAN IN HER SOCIAL AND DOMESTIC CHARACTER. By Mrs. JOHN SANDFORD. New Edition. Fcp. 8vo. 6s. cloth.**SANDFORD.—FEMALE IMPROVEMENT.**

By Mrs. JOHN SANDFORD. New Edition. Fcp. 8vo. 7s. cloth.

SCHLEIDEN.—PRINCIPLES OF SCIENTIFIC BOTANY;

Or, Botany as an Inductive Science. By Dr. M. J. SCHLEIDEN, Extraordinary Professor of Botany in the University of Jena. Translated by EDWIN LANKESTER, M.D. F.R.S. F.L.S. Lecturer on Botany at the St. George's School of Medicine, London. 8vo. with Plates and Woodcuts, 21s. cloth.

"We congratulate our readers on the appearance of an English edition of this remarkable work, by a gentleman so capable to do full justice to it as Dr. Lankester. It cannot fail to interest deeply all true lovers of Botanical Science, and we believe it will be considered a valuable addition to our botanical literature."

JAMESON'S PHILOSOPHICAL JOURNAL.

SCOFFERN.—THE MANUFACTURE OF SUGAR,

In the Colonies and at Home, chemically considered. By JOHN SCOFFERN, M.B. Lond. lat. Professor of Chemistry at the Aldersgate College of Medicine. 8vo. with Illustrations (one-coloured) 10s. 6d. cloth.

SEAWARD.—SIR EDWARD SEAWARD'S NARRATIVE OF HIS SHIPWRECK, and consequent Discovery of certain Islands in the Caribbean Sea: with a detail of many extraordinary and highly interesting Events in his Life, from 1730 to 1749, a. written in his own Diary. Edited by Miss JANE PORTER. 3d Edition, with a New Nautical and Geographical Introduction. 2 vols. post 8vo. 21s. cloth.**SENIOR.—CHARLES VERNON :**

A Transatlantic Tale. By Lieut.-Colonel HENRY SENIOR. 2 vols. post 8vo. 21s. boards.

THE SERMON ON THE MOUNT.

Printed in Gold and Colours, in the Missal style; with Ornamental Borders by OWEN JONES Architect, and an illuminated Frontispiece by W. BOXALL, Esq. New Edition. Fcp. 4to in a rich brocaded silk cover, 21s.; or bound in morocco, by Hayday, 25s.

SEWELL.—AMY HERBERT.

By a LADY. Edited by the Rev. WILLIAM SEWELL, B.D. Fellow and Tutor of Exeter College, Oxford. New Edition. 2 vols. fcp. 8vo. 9s. cloth.

SEWELL.—GERTRUDE.

A Tale. By the Author of "Amy Herbert." Edited by the Rev. WILLIAM SEWELL, B.D. Fellow and Tutor of Exeter College, Oxford. New Edition. 2 vols. fcp. 8vo. 9s. cloth.

SEWELL.—LANETON PARSONAGE :

A Tale for Children, on the Practical Use of a portion of the Church Catechism. By the Author of "Amy Herbert." Edited by the Rev. W. SEWELL, B.D. Fellow and Tutor of Exeter College, Oxford. New Edition. 3 vols. fcp. 8vo. 16s. cloth.

SEWELL.—MARGARET PERCIVAL.

By the Author of "Amy Herbert." Edited by the Rev. W. SEWELL, B.D. Fellow and Tutor of Exeter College, Oxford. New Edition. 2 vols. fcp. 8vo. 12s. cloth.

SHAKSPEARE, BY BOWDLER.

THE FAMILY SHAKSPEARE; in which nothing is added to the Original Text; but those words and expressions are omitted which cannot with propriety be read aloud. By T. BOWDLER, Esq. F.R.S. New Edition. 8vo. with 36 Engravings on Wood, from designs by Smirke, Howard, and other Artists, 21s. cloth; or, in 2 vols. 8vo. without Illustrations, £4. 14s. 6d. boards.

SHORT WHIST:

Its Rise, Progress, and Laws; with Observations to make any one a Whist Player; containing also the Laws of Piquet, Cassino, Ecarté, Cribbage, Backgammon. By Major A*****. New Edition. To which are added, Precepts for Tyros. By Mrs. B****. Fcp. 8vo. 3s cloth.

THE GOOD SHUNAMMITE.

From the Holy Scriptures. With Six Original Designs by A. KLEIN, and an Ornamental Border to each page, in the Missal style, by L. GRUNER, printed in Colours and Gold. Square fcp. 8vo. 2ls. in massive carved covers; or 30s. bound in morocco.

SINCLAIR.—SIR EDWARD GRAHAM;

Or, Railway Speculators. By CATHERINE SINCLAIR, Author of "Modern Accomplishments," &c. 3 vols. post 8vo. [Nearly ready.]

SINCLAIR.—THE BUSINESS OF LIFE.

By CATHERINE SINCLAIR, Author of "The Journey of Life," "Modern Society," "Jane Bouvierie," &c. 2 vols. fcap 8vo. 10s. cloth.

"The authoress has succeeded in imparting to reflections of a strongly religious nature the charms of literary embellishment. These essays or reflections will be found full of interest, as well as of instructive matter. Miss Sinclair has brought all the resources of a richly stored and highly cultivated mind to bear upon the subject of religion; and has executed her task with so much good taste, feeling, and judgment, that no one can read the work without deriving pleasure as well as instruction from the perusal."—*SUNDAY TIMES*.

SINCLAIR.—THE JOURNEY OF LIFE.

By CATHERINE SINCLAIR, Author of "The Business of Life," "Modern Society," "Jane Bouvierie," &c. New Edition, corrected and enlarged. Fcp. 8vo. 5s. cloth.

SINNETT.—BYWAYS OF HISTORY,

From the Twelfth to the Sixteenth Century. By MRS. PERCY SINNETT. 2 vols. post 8vo. 18s. cloth.

SIR ROGER DE COVERLEY.

From the Spectator. With Notes and Illustrations, and Engravings on Wood from Designs by FREDERICK TAYLER, Member of the Society of Painters in Water Colours. [Nearly ready.]

THE SKETCHES:

Three Tales. By the Authors of "Amy Herbert," "The Old Man's Home," and "Hawkestone." New Edition. Fcp. 8vo. with 6 Plates, 8s. cloth.

SMITH.—THE WORKS OF THE REV. SYDNEY SMITH:

Including his Contributions to THE EDINBURGH REVIEW, PETER PLYMLEY'S LETTERS, and other Miscellaneous Writings. New Edition, with Additions. 3 vols. 8vo with Portrait, 36s. cloth.

SMITH.—SERMONS PREACHED AT ST. PAUL'S CATHEDRAL,

the Foundling Hospital, and several Churches in London; together with others addressed to a Country Congregation. By the late Rev. SYDNEY SMITH, Canon Residentiary of St. Paul's Cathedral. 8vo. 12s. cloth.

SMITH.—SACRED ANNALS;

Or, Researches into the History and Religion of Mankind, from the Creation of the World to the Death of Isaac: deduced from the Writings of Moses and other Inspired Authors, copiously illustrated and confirmed by the Ancient Records, Traditions, and Mythology of the Heathen World. By GEORGE SMITH, F.A.S. Crown 8vo. 10s. cloth.

* * Vol. II. comprising the History and Religion of the Hebrew People, from the Origin of the Nation to the time of Christ, is nearly ready.

SMITH.—THE RELIGION OF ANCIENT BRITAIN HISTORI-

CALLY CONSIDERED: or, a Succinct Account of the several Religious Systems which have obtained in this Island from the Earliest Times to the Norman Conquest: including an Investigation into the Early Progress of Error in the Christian Church, the Introduction of the Gospel into Britain, and the State of Religion in England till Popery had gained the ascendancy. By GEORGE SMITH, F.A.S. New Edition. 8vo. 7s. 6d. cloth.

SMITH.—PERILOUS TIMES;

Or, the Aggressions of Antichristian Error on Scriptural Christianity, considered in reference to the Dangers and Duties of Protestants. By GEO. SMITH, F.A.S. Fcp. 8vo. 6s. cloth.

SMITH.—THE VOYAGE AND SHIPWRECK OF ST. PAUL:

with Dissertations on the Sources of the Writings of St. Luke, and the Ships and Navigation of the Antients. By JAMES SMITH, Esq. of Jordan Hill, F.R.S. 8vo. with Views, Charts, and Woodcuts, 14s. cloth.

SOAMES.—THE LATIN CHURCH DURING ANGLO-SAXON TIMES.

By the Rev. HENRY SOAMES, M.A., Editor of "Mosheim's Institutes of Ecclesiastical History." 8vo. 14s. cloth.

SOME PASSAGES FROM MODERN HISTORY.

By the Author of "Letters to My Unknown Friends," and "Twelve Years Ago." Fcp. 8vo. 6s. 6d. cloth.

CONTENTS:—1. Catharine at the Battle of the Pruth; 2. The Death of Sir Philip Sidney; 3. Some Passages from "La Rentrée Glorieuse"; 4. Maria Theresa at Presburg; 5. The English Column at the Battle of Fontenoy; 6. The Rainbow at Prague; 7. The Death of Gustavus Adolphus; 8. The Queen's Prayer; 9. The Execution of Louis XVI.; 10. The Sleep of Argyle.

THE SONG OF SONGS, WHICH IS SOLOMON'S.

From the Holy Scriptures. Being the Six Chapters of the Book of the Song of Solomon, richly illuminated, in the Missal Style, by Owen Jones. Elegantly bound in relieve leather. Imperial 16mo. 21s.

SONGS, MADRIGALS, AND SONNETS:

A Gathering of some of the most pleasant Flowers of Old English Poetry. Set in borders of coloured Ornaments and Vignettes. Square fcp. 8vo. 10s. 6d. ornamental boards; or 17s. bound in morocco by Hayday.

ROBERT SOUTHEY'S COMPLETE POETICAL WORKS;

Containing all the Author's last Introductions and Notes. Complete in One Volume, with Portrait and View of the Poet's Residence at Keswick, uniform with Byron's and Moore's Poems. 8vo. 21s. cloth; or 42s. bound in morocco.

* Also, an Edition in 10 vols. fcp. 8vo. with Portrait and 19 Plates, £2. 10s. cloth; bound in morocco, £4. 10s.

SOUTHEY.—SELECT WORKS OF THE BRITISH POETS,

From Chaucer to Withers. With Biographical Sketches, by R. SOUTHEY, LL.D. 8vo. 20s. cloth; with gilt edges, 31s. 6d.

SOUTHEY.—THE LATE MR. SOUTHEY'S COMMON-PLACE

BOOK. Edited by his Son-in-Law, the Rev. John Wood Warter. FIRST SERIES, comprising CHOICE PASSAGES, Moral, Religious, Political, Philosophical, Historical, Poetical, and Miscellaneous; and COLLECTIONS for the History of Manners and Literature in England. Forming a volume complete in itself. With a medalion Portrait of Southey. Square crown 8vo. 18s. cloth.

"Such a collection of 'Choice Passages' we have never previously met with. They are drawn from works of all classes, and from every age of our literature, and bespeak an acquaintance, at once minute and comprehensive, with the whole range of English authorship. It is a book to be taken up for the hour, and the more frequently its companionship is sought the higher will be the opinion formed of its vast treasures. An ample Index is happily supplied, which serves the purpose of a skilful guide in what would otherwise be a trackless though rich wilderness. The literateur and the general reader will be alike gratified by its pages, in which wit and logic, humour and grave discourse, poetry and science, the facts of history and the lessons of philosophy, are happily mingled in due proportions."—*ECLECTIC REVIEW.*

* The SECOND SERIES, being SPECIAL COLLECTIONS, is in the press.

SOUTHEY.—THE LIFE AND CORRESPONDENCE OF THE LATE ROBERT SOUTHEY.

Edited by his Son, the Rev. CHARLES CUTHBERT SOUTHEY, M.A. Post 8vo.

[In the press.]

SOUTHEY.—THE DOCTOR, &c.

By the late ROBERT SOUTHEY. Complete in One Volume. Edited by the Author's Son-in-Law, the Rev. JOHN WOOD WARTER. With Portrait, Vignette Title-page, and Bust of the Author. New Edition. Square crown 8vo. 21s. cloth.

SOUTHEY.—THE LIFE OF WESLEY;

And Rise and Progress of Methodism. By ROBERT SOUTHEY, Esq. L. in, with Notes by the late Samuel Taylor Coleridge, Esq., and Remarks on the Life and Character of John Wesley, by the late Alexander Knox, Esq. Edited by the Rev. CHARLES CUTHBERT SOUTHEY, A.M. Curate of Cockermouth. 2 vols. 8vo. with 2 Portraits, 28s. cloth.

PUBLISHED BY MESSRS. LONGMAN, BROWN, AND CO,

STABLE TALK AND TABLE TALK;

or, SPECTACLES for YOUNG SPORTSMEN. By HARRY HIEOVER. New Edition.
2 vols. 8vo. with Portrait, 24s. cloth.

STEEL'S SHIPMASTER'S ASSISTANT;

Compiled for the use of Merchants, Owners and Masters of Ships, Officers of Customs, and all Persons connected with Shipping or Commerce: containing the Law and Local Regulations affecting the Ownership, Charge, and Management of Ships and their Cargoes; together with Notices of other Matters, and all necessary Information for Mariners. New Edition, rewritten throughout. Edited by GRAHAM WILLMORE, Esq. M.A. Barrister-at-Law; GEORGE CLEMENTS, of the Customs, London; and WILLIAM TATE, Author of "The Modern Cambist." 8vo. 28s. cloth; or, 29s. bound.

STEPHEN.—ESSAYS IN ECCLESIASTICAL BIOGRAPHY.

By the Right Hon. Sir JAMES STEPHEN, K.C.B. 2 vols. 8vo. 21s. cloth.

"As a complete treasury of biography of men whose lives deserve to be known, we heartily recommend these volumes to all who can admire talent, love healthy reading, and are desirous [not only of rich amusement, but of being furnished with instruction worth the remembering.] CHURCH AND STATE GAZETTE."

STEPHEN.—HISTORY OF THE EPISCOPAL CHURCH OF

SCOTLAND, from the Reformation to the Present Time. By THOMAS STEPHEN, Author of "The Book of the Constitution," "Spirit of the Church of Rome," &c. 4 vols. 8vo. with 24 highly-finished Portraits engraved on steel, 32s. cloth.

STEPHENS.—A MANUAL OF BRITISH COLEOPTERA,

or, BEETLES: containing a Description of all the Species of Beetles hitherto ascertained to inhabit Great Britain and Ireland, &c. With a Complete Index of the Genera. By J. F. STEPHENS, F.L.S. Author of "Illustrations of Entomology." Post 8vo. 14s. cloth.

THE STUD: FOR PRACTICAL PURPOSES AND PRACTICAL

MEN: being a Guide to the Choice of a Horse for use more than for show. By HARRY HIEOVER. Author of "Stable Talk and Table Talk." Uniform with the "The Pocket and the Stud." With Two Plates, one representing "A pretty good sort for most purposes;" the other "Aayther" bad sort for any purpose." Fcp. 8vo. 5s. half-bound.

"A useful guide, not only to the practised buyer and seller of horse flesh, but to a person who intends to a p. rehaser only on some special occasions. It will guard him against many a fraud, if it does not quite put him up to the good points; and after the perusal of this little volume it would be difficult for the knowing ones to take him. Before buying a horse, therefore, we would advise all our readers to procure and peruse this volume: they will save the cost ten times over in the bargain." CRITIC.

THE SUITOR'S INSTRUCTOR IN THE PRACTICE OF THE

COUNTY COURTS: containing all the Information necessary for Conducting or Defending a Suit; the Fees payable on each Step; Definitions of the Legal Terms used in the Proceedings; an Abstract of the Act of Parliament; the Rules of Practice, &c. &c. Also, a District Directory, giving the Names of all the Streets (and the number of Houses in each Street) which form the Boundaries of the Metropolitan Districts, made from an actual Perambulation around each; and a List of the County Districts. By a County Court Assistant Clerk. 12mo. 4s. 6d. cloth.

SWAIN.—ENGLISH MELODIES.

By CHARLES SWAIN, Author of "The Mind, and other Poems." Fcp. 8vo. 6s. cloth.

"A volume of lyrics which will be read with avidity....The diversity of subjects—the harmony of rhythm—the feeling and kindness of heart—the pathos manifested—must render this book deservedly popular. There is in numbers of the songs a striking originality that cannot fail to charm the reader and rivet his attention." SUNDAY TIMES.

TATE.—THE CONTINUOUS HISTORY OF THE LIFE AND

WRITINGS OF ST. PAUL, on the basis of the Acts; with Intercalary Matter of Sacred Narrative, supplied from the Epistles, and elucidated in occasional Dissertations: with the Horæ Paulinæ of Dr. Paley, in a more correct edition, subjoined. By JAMES TATE, M.A. Canon Residentiary of St. Paul's. 8vo. with Map, 13s. cloth.

TAYLER.—MARGARET;

Or, the Pearl. By the Rev. CHARLES B. TAYLER, M.A. Rector of St. Peter's, Chester, Author of "Lady Mary; or, Not of the World," &c. New Edition. Fcp. 8vo. 6s. cloth.

TAYLER.—LADY MARY;

Or, Not of the World. By the Rev. CHARLES B. TAYLER, Rector of St. Peter's, Chester Author of "Margaret, or the Pearl," &c. New Edition, with a Frontispiece engraved by J. ABSOLON. Fcp. 8vo. 6s. 6d. cloth.

TAYLOR.—LOYOLA: AND JESUITISM IN ITS RUDIMENTS.

By ISAAC TAYLOR, Author of "Natural History of Enthusiasm," &c. Post 8vo. 10s. 6d. cloth.

"Various books on individual Jesuits, or on the constitutions of their order, have lately appeared, but nothing at all approaching in interest or merit to *Loyola: and Jesuitism in its Rudiments*. . . . a book that must be carefully read by any one who wishes to form a true idea of Loyola, and an idea of Jesuitism."—*SPECTATOR*.

"Mr. Taylor has thrown together, with the powerful grasp of his mind, the principal events and circumstances which gave rise to the institution of the Jesuit order, and sketched out the character of its founder with a masterly hand. After all the trash that has been written on the subject of late, it is refreshing to turn over the pages of a work in which the subject is handled with the dignity and severity of truth which its importance and the character of history alike demand."—*JONN BOLL.*

THIRLWALL.—THE HISTORY OF GREECE.

By the Right Rev. the LORD BISHOP of ST. DAVID'S (the Rev. Connop Thirlwall). A New Edition, revised; with Notes. Vols. I. to V. 8vo. with Maps, 36s. cloth. To be completed in 8 volumes, price 12s. each. [Vol. VI. nearly ready.]

"We are glad to receive another volume of this edition of Bishop Thirlwall's 'History,' and are quite satisfied, on an inspection of its contents, at the delay which has occurred in its appearance. The work is one of which English scholarship may well be proud—uniting sound erudition with elegant taste, an intimate knowledge of the sources of Greek history, with a discriminating judgment, and a very felicitous style of composition. Having repeatedly expressed our opinion on its merits, we shall not now make any attempt at elaborate criticism. . . . We know of no classical history which, as a whole, is so entitled to approval and admiration. Bishop Thirlwall has evidently spared no pains to perfect the work, and he will so entitle his reward in the permanent hold it must take on the public mind. . . . The present work is up to the requirements of the scholarship of the day. It is equal without being dry, and liberal without scepticism. It bespeaks the learning of a scholar and the manners of a gentleman, and constitutes a record of the past, from which the student and the philosopher of our day may gain an instructive insight into the character and institutions of the Greeks."

ELECTRIC REVIEW.

** Also, an Edition in 8 vols. fcp. 8vo. with Vignette Titles, £2. 8s. cloth.

THOMSON'S SEASONS.

Edited by BOLTON CORNEY, Esq. Illustrated with Seventy-seven Designs drawn on Wood, by Members of the Etching Club. Engraved by Thompson and other eminent Engravers. Square crown 8vo. uniform with "Goldsmith's Poems," 21s. cloth; or, bound in morocco, by Hayday, 36s.

THOMSON'S SEASONS.

Edited, with Notes, Philosophical, Classical, Historical, and Biographical, by ANTHONY TODD THOMSON, M.D. F.L.S. Fcp. 8vo. 7s. 6d. cloth.

THOMSON.—THE DOMESTIC MANAGEMENT OF THE SICK ROOM, necessary, in Aid of Medical Treatment, for the Cure of Diseases. By ANTHONY TODD THOMSON, M.D. F.L.S. Professor of Materia Medica and Therapeutics, and of Forensic Medicine, in University College, London. New Edition. Post 8vo. 10s. 6d. cloth.**THOMSON.—TABLES OF INTEREST,**

At Three, Four, Four-and-a-Half, and Five per Cent., from One Pound to Ten Thousand, and from One to Three Hundred and Sixty-five Days, in a regular progression of single Days; with Interest at all the above Rates, from One to Twelve Months, and from One to Ten Years.

Also, numerous other Tables of Exchanges, Time, and Discounts. By JOHN THOMSON, Accountant. New Edition. 12mo. 8s. bound.

THOMSON.—SCHOOL CHEMISTRY;

Or, Practical Rudiments of the Science. By ROBERT DUNDAS THOMSON, M.D. Master in Surgery in the University of Glasgow; Lecturer on Chemistry in the same University; and formerly in the Medical Service of the Honourable East India Company. Fcp. 8vo. with Woodcuts, 7s. cloth.

THOMSON.—EXPERIMENTAL RESEARCHES ON THE FOOD OF ANIMALS and the FATTENING of CATTLE; with Remarks on the Food of Man. By ROBERT DUNDAS THOMSON, M.D. Author of "School Chemistry; or, Practical Rudiments of the Science." Fcp. 8vo. 5s. cloth.**THE THUMB BIBLE;**

Or, Verbum Semipellatum. By J. TAYLOR. Being an Epitome of the Old and New Testaments in English Verse. Printed from the Edition of 1693, by C. Whittingham, Chiswick. 64mo. 1s. 6d. bound and clasped.

TOMLINE.—AN INTRODUCTION TO THE STUDY OF THE BIBLE: containing Proofs of the Authenticity and Inspiration of the Holy Scriptures; a Summary of the History of the Jews; an Account of the Jewish Sects; and a brief Statement of the Contents of the several Books of the Old and New Testaments. By GEORGE TOMLINE, D.D. F.R.S. New Edition. Fcp. 8vo. 5s. 6d. cloth.

TOOKE.—THE HISTORY OF PRICES:

With reference to the Causes of their principal Variations, from the year 1792 to the year 1838, inclusive. Preceded by a Sketch of the History of the Corn Trade in the last Two Centuries. By THOMAS TOOKE, Esq. F.R.S. 3 vols. 8vo. £2. 8s. cloth.

TOOKE.—THE HISTORY OF PRICES, AND OF THE STATE
of the CIRCULATION from 1839 to 1847, inclusive: with a general Review of the Currency
Question, and Remarks on the Operation of the Acts 7 and 8 Vict. c. 32: being a continuation
of "The History of Prices, from 1792 to 1838." By T. TOOKE, Esq. F.R.S. 8vo. 18s. cloth.

TOWNSEND.—THE LIVES OF TWELVE EMINENT JUDGES
of the LAST and of the PRESENT CENTURY. By W. CHARLES TOWNSEND, Esq. M.A.
Recorder of Macclesfield; Author of "Memoirs of the House of Commons." 2 vols. 8vo.
28s. cloth.

TURNER.—THE HISTORY OF ENGLAND,

From the Earliest Period to the Death of Elizabeth. By SHARON TURNER, Esq. F.A.C.S.A.L. New Editions. 12 vols. 8vo. £8. 3s. cloth.—Or, separately,

THE HISTORY of the ANGLO-SAXONS. 3 vols. 8vo. £2. 5s. boards.

THE HISTORY of ENGLAND during the MIDDLE AGES. 5 vols. 8vo. £3, bds.

THE HISTORY of the REIGN of HENRY VIII. 2 vols. 8vo. 26s. boards.

THE REIGNS of EDWARD VI., MARY, and ELIZABETH. 2 vols. 8vo. 32s. bds.

TURNER.—THE SACRED HISTORY OF THE WORLD,

Attempted to be Philosophically considered, in a Series of Letters to a Son. By SHARON TURNER, F.S.A. and R.A.S.L. New Edition, edited by the Rev. SYDNEY TURNER. 3 vols. post 8vo. 31s. cl. cloth.

DR. TURTON'S MANUAL OF THE LAND AND FRESH-

WATER SHELLS of the BRITISH ISLANDS. A New Edition, thoroughly revised and with
considerable Additions. By JOHN EDWARD GRAY, Keeper of the Zoological Collection in
the British Museum. Post 8vo. with Woodcuts, and 12 Coloured Plates 15s. cloth.

TWELVE YEARS AGO: A TALE.

By the Author of "Letters to my Unknown Friends." Febr. 8vo. 6s. 6d. cloth.

TWINING.—ON THE PHILOSOPHY OF PAINTING:

A Theoretical and Practical Treatise; comprising Ästhetics in reference to Art—the Application of Rules to Painting—and General Observations on Perspective. By H. TWINING, Esq. Imperial 8vo. with numerous Plates and Wood Engravings, 21s. cloth.

URE.—DICTIONARY OF ARTS, MANUFACTURES, & MINES;

Containing a clear Exposition of their Principles and Practice. By ANDREW URE, M.D. F.R.S. M.G.S. M.A.S. Lond.; M. Acad. N.L. Philad.; S. Ph. Soc. N. Germ. Hanov.; Mulli. &c. &c. New Edition, corrected. 8vo. with 1,240 Engravings on Wood, 50s. cloth.—Also

SUPPLEMENT of RECENT IMPROVEMENTS. New Edition. 8vo. with Woodcuts, 14s. cloth.

VON ORLICH.—TRAVELS IN INDIA;

Including Scinde and the Punjab, in 1842 and 1843. By Capt. LEOPOLD VON ORLICH. Translated from the German, by H. EVANS LLOYD, Esq. 2 vols. 8vo. with coloured Frontispieces, and numerous Illustrations on Wood, 25s. cloth.

WALFORD.—THE LAWS OF THE CUSTOMS,

Compiled by Direction of the Lords Commissioners of Her Majesty's Treasury, and published under the Sanction of the Commissioners of Her Majesty's Customs; with Notes and a General Index. Edited by J. G. WALFORD, Esq. Solicitor for the Customs. 8vo. 10s. 6d. cloth.

WALKER.—CHESS STUDIES;

Comprising One Thousand Games of Chess, as really played by the first Chess Players; forming a complete Encyclopaedia of Reference, and presenting the greatest Collection extant of fine specimens of strategy in every stage of the Game. Selected and arranged by GEORGE WALKER, Author of "Chess made Easy," &c. 8vo. 10s. 6d. sewed.

WALKER.—ELEMENTA LITURGICA;

Or, the Churchman's Mirror, for the Scholastic Study of the Book of Common Prayer. By G. A. WALKER, A.M., of Christ College, Cambridge. New Edition, entirely rearranged and considerably enlarged. Fcp. 8vo. 4s. 6d. cloth.

WARDLAW.—DISCOURSES ON THE PRINCIPAL POINTS,

OF THE SOCINIAN CONTROVERSY—the Unity of God, and the Trinity of Persons in the Godhead; the Supreme Divinity of Jesus Christ; the Doctrine of the Atonement; the Christian Character, &c. &c. By RALPH WARDLAW, D.D. New Edition, 8vo. 15s. cloth.

WATERTON.—ESSAYS ON NATURAL HISTORY,

Chiefly Ornithology. By CHARLES WATERTON, Esq., Author of "Wanderings in South America." With an Autobiography of the Author, and Views of Walton Hall. New Edition. 2 vols. fcp. 8vo. 14s. 6d. cloth.

* * Separately—Vol. I. (First Series), 8s.; Vol. II. (Second Series), 6s. 6d.

WEBSTER.—AN ENCYCLOPÆDIA OF DOMESTIC ECONOMY;

Comprising such subjects as are most immediately connected with Housekeeping: as, The Construction of Domestic Edifices, with the modes of Warming, Ventilating, and Lighting them—A description of the various articles of Furniture, with the nature of their Materials—Duties of Servants, &c. &c. &c. &c. By THOMAS WEBSTER, F.G.S.; assisted by the late Mrs. Parkes. New Edition. 8vo. with nearly 1,000 Woodcuts, 50s. cloth.

WESTWOOD.—AN INTRODUCTION TO THE MODERN

CLASSIFICATION OF INSECTS; founded on the Natural Habits and compounding Organisation of the different Families. By J. O. WESTWOOD, F.L.S. &c. &c. &c. &c. 2 vols. 8vo. with numerous Illustrations, £2. 7s. cloth.

WILBERFORCE.—A PRACTICAL VIEW OF THE PREVAIL-

ING RELIGIOUS SYSTEMS of PROFESSED CHRISTIANS, in the Higher and Middle Classes in this Country, contrasted with Real Christianity. By WM. WILBERFORCE, Esq., M.P. New Edition. 8vo. 8s. boards.—Also, an Edition in fcp. 8vo. price 4s. 6d. cloth.

LADY WILLOUGHBY'S DIARY.

So much of the Diary of Lady Willoughby as relates to her Domestic History, and to the Eventful Period of King Charles the First, the Protectorate, and the Restoration (1635 to 1663) Printed, ornamented, and bound in the style of the period to which *The Diary* refers. New Edition. In Two Parts. Square fcp. 8vo. 8s. each, boards; or 18s. each, bound in morocco by Hayday. £

WILSON.—THE LANDS OF THE BIBLE VISITED AND

DESCRIBED, in an Extensive Journey undertaken with special reference to the promotion of Biblical Research and the advancement of the Cause of Philanthropy. By John Wilson D.D. F.R.S. Honorary President of the Bombay Branch of the Royal Asiatic Society, &c. 2 vols. 8vo. with Maps and numerous Illustrations, £1. 16s. cloth.

WOOD.—A PRACTICAL TREATISE ON RAILROADS,

And Interior Communication in General; containing numerous Experiments on the Power of the Improved Locomotive Engines, and Tables of the comparative Cost of Conveyance of Canals, Railways, and Turnpike Roads. By NICHOLAS WOOD, Mem. Inst. Civ. Eng. &c. New Edition. 8vo. with Plates and Woodcuts, 31s. 6d. cloth.

WOODCOCK.—SCRIPTURE LANDS:

Being a Visit to the Scenes of the Bible. By the Rev. W. J. Woodcock, St. Agnes, Nassau New Providence. With 4 coloured Plates. Post 8vo. 10s. 6d. cloth.

"This is a very entertaining journal. The author landed at Beyrouth, and passing through Damascus and Cibria to Jerusalem, from thence diverged to the most remarkable places in the Holy Land. To those who take an interest in the present circumstances of Judea we can safely recommend this volume. The author's views of the traditions of the holy places are quite those which we should take ourselves."

BRITISH MAGAZINE.

ZUMPT'S GRAMMAR OF THE LATIN LANGUAGE.

Translated and adapted for the use of English Students, with the Author's sanction and co-operation, by Dr. L. SCHMITZ, F.R.S.E., Rector of the High School of Edinburgh with copious Corrections and Additions communicated to Dr. Schmitz, for the authorise English Translation, by Professor ZUMPT. New Edition, corrected., 8vo. 14s. 6d.



